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UNITED STATES DEPARTMENT OF AGRICULTURE
✓ U.S. AGRICULTURAL RESEARCH SERVICE
PLANT GENETICS AND GERMPLASM INSTITUTE
BELTSVILLE, MARYLAND 20705

REACTION OF 490 ENTRIES IN THE 1972 INTERNATIONAL WINTER WHEAT RUST
NURSERY TO STEM, LEAF, AND STRIPE RUST, AND OTHER DISEASES 1/

* 1972 *
* WINTER *
* WHEAT *

PRELIMINARY REPORT NOT FOR PUBLICATION 2/

THE INTERNATIONAL RUST NURSERY PROGRAM HAS AS ITS OBJECTIVES THE FINDING OF NEW GENES OR COMBINATIONS OF GENES WHICH WILL PROTECT CEREALS AGAINST RUST AND TO TEST ON AN INTERNATIONAL BASIS NEW VARIETIES AND PROMISING SELECTIONS DEVELOPED BY PLANT BREEDERS AND PATHOLOGISTS FOR RESISTANCE TO RUST. IT HAS BEEN FOUND TO BE MORE SIMPLE, CHEAP, SAFE, AND EFFECTIVE TO EXPOSE SELECTED VARIETIES TO THE RUST POPULATIONS IN MANY PARTS OF THE WORLD THAN TO BRING THE RUSTS OF THE WORLD TO ONE LOCATION FOR SIMILAR TESTS. THE FIRST TESTS WERE MADE IN 1950 ON SPRING WHEATS WHILE THE TESTING OF WINTER WHEATS WAS FIRST STARTED IN 1955.

THIS REPORT SUMMARIZES THE DATA OBTAINED ON THE 1972 INTERNATIONAL WINTER WHEAT RUST NURSERY FROM 30 LOCATIONS IN 17 COUNTRIES. THE REPORT INCLUDES THE REACTION OF 490 WHEATS TO STEM, LEAF, AND STRIPE RUST; MILDEW; SEPTORIA SPP.; AND HELMINTHOSPORIUM LEAF SPOT.

THE ENTRIES IN THE 1972 NURSERY INCLUDE THE FOLLOWING: (1) FROM THE WORLD COLLECTION MAINTAINED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE, SELECTIONS THAT HAD SHOWN EVIDENCE OF RESISTANCE TO RUST IN PREVIOUS SCREENING TESTS; (2) NEW VARIETIES AND SELECTIONS SUPPLIED BY PLANT BREEDERS AND PATHOLOGISTS; AND (3) A CHECK VARIETY, PURPLESTRAW, WHICH WAS SOWN IN EVERY 20TH ROW.

THE DATA HAVE BEEN OBTAINED THROUGH THE COOPERATION OF DEPARTMENTS OF AGRICULTURE, COLLEGES, AND EXPERIMENT STATIONS OF SEVERAL NATIONS AND STATES, THE AGENCY FOR INTERNATIONAL DEVELOPMENT, AND THE INDIVIDUALS WHO PLANTED AND CARED FOR THE NURSERIES, TOOK NOTES, AND SENT IN DATA. MANY THANKS ARE DUE ALL THESE INSTITUTIONS AND WORKERS FOR THEIR WILLING COOPERATION.

THE NEW FORMAT OF COMPUTER ANALYSIS WAS MADE POSSIBLE BY PERSONNEL OF THE DATA SYSTEMS APPLICATION DIVISION. FOR THIS, I AM GRATEFUL FOR THEIR PERSISTENT ENDEAVORS. MODIFICATIONS HAVE BEEN MADE BY JOHN BELT. READERS WILL NOTE THE ABBREVIATED STATION NUMBER ON DATA PAGES. THE COMPLETE PEDIGREE WILL BE FOUND AT THE BEGINNING OF THIS REPORT. COMMENTS ON THE NEW FORMAT AND SUGGESTIONS FOR FUTURE REPORTS WILL BE WELCOMED.

CONTINUED--

1/ COMPILED BY R. A. KILPATRICK AND D. L. HARMON

2/ THIS IS A PROGRESS REPORT OF COOPERATIVE INVESTIGATIONS CONTAINING DATA, THE INTERPRETATION OF WHICH MAY BE MODIFIED WITH ADDITIONAL EXPERIMENTATION. THEREFORE, PUBLICATION, DISPLAY, OR DISTRIBUTION OF ANY DATA OR ANY STATEMENTS HEREIN SHOULD NOT BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE PLANT GENETICS AND GERMPLASM INSTITUTE, ARS, USDA, AND THE COOPERATING AGENCY OR AGENCIES CONCERNED.

AGRICULTURAL RESEARCH CENTER - WEST
BELTSVILLE, MARYLAND 20705

PGGI- 73-12
OCTOBER, 1973

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CATALOGING - PREP.

THE SUMMARY OF THE DATA ON THE REACTION TO STEM, LEAF, AND STRIPE RUST FOR EACH ENTRY IS GIVEN IN THE TABLES IN THE "SUMMARY" COLUMNS. THE "AVERAGE COEFFICIENT OF INFECTION" TAKES INTO ACCOUNT BOTH RESPONSE AND PERCENT OF RUST AND IS CALCULATED FROM THE FIELD READINGS IN THE FOLLOWING MANNER. RESPONSE SYMBOLS ARE ASSIGNED VALUES FROM 0 TO 1 AS FOLLOWS: 0 = 0, VR & R = 0.2, MR = 0.4, M = 0.6, MS = 0.8, AND S & VS = 1.0. THE PERCENT SEVERITY GIVEN IS THEN MULTIPLIED BY THE APPROPRIATE RESPONSE VALUE TO OBTAIN THE COEFFICIENT OF INFECTION. FOR EXAMPLE, THE COEFFICIENTS OF INFECTION FOR A FIELD READING OF 60MR EQUALS 60×0.4 , OR 24. A COEFFICIENT OF INFECTION FOR EACH READING TAKEN ON A VARIETY OR LINE IS CALCULATED. ALL THE COEFFICIENTS FOR EACH ENTRY ARE THEN ADDED AND AN AVERAGE IS TAKEN TO OBTAIN THE "AVERAGE COEFFICIENT OF INFECTION." AT SOME STATIONS, ONLY THE PERCENTAGE OF INFECTION WAS OBTAINED, AND THIS WAS USED IN CALCULATING THE AVERAGE WITHOUT MAKING CORRECTION FOR RESPONSE. AT OTHER LOCATIONS, DATA WERE RECORDED WITHOUT USE OF PERCENTAGES AND THESE WERE NOT USED IN CALCULATING AVERAGE COEFFICIENTS. THE AVERAGE DISEASE COEFFICIENT WAS CALCULATED FOR ALL ENTRIES FOR EACH LOCATION. THIS INDICATES THE AVERAGE SEVERITY OF DISEASE IN THE NURSERY AT THE TIME OF MAKING READINGS.

ABBREVIATIONS

SEVERITY OF INFECTION

GIVEN AS PERCENTAGE OF INFECTION.

0-60 = INDICATES VARIABILITY IN THE PERCENTAGE OF RUST ON PLANTS IN THE ROW.

T = TRACE.

RESPONSE

VR = VERY RESISTANT.

R = RESISTANT.

MR = MODERATELY RESISTANT.

M = MESOTHEIC (VARIABLE OR INTERMEDIATE).

MS = MODERATELY SUSCEPTIBLE.

S = SUSCEPTIBLE.

VS = VERY SUSCEPTIBLE.

, = SEGREGATION, I.E., 0, 40S MEANS SOME PLANTS HAD NO RUST WHILE OTHERS HAD 40 PERCENT RUST OF A SUSCEPTIBLE TYPE INFECTION.

- = RANGE, I.E., 5R-50S MEANS THAT THERE WAS A RANGE OF INFECTION FROM PLANT TO PLANT AND/OR ON EACH PLANT FROM 5 PERCENT RESISTANT TO 50 PERCENT SUSCEPTIBLE TYPE INFECTION.

THE SEVERITY AND RESPONSE PRECEDING THE ', ' OR '- ' WAS USED FOR CALCULATING THE DISEASE COEFFICIENT.

THE COOPERATORS AND COOPERATING STATIONS ALONG WITH INFORMATION CONCERNING EACH NURSERY LOCATION ARE GIVEN BELOW:

ARGENTINA

- INSTITUTO DE FITOTECNIA, "CASTELAR"; E. F. ANTONELLI AND F. L. MUJICA

ALTITUDE - 22 M (70 FT.) LATITUDE - 34°40'S

PLANTED - JULY 13, 1972

NOTES WERE RECORDED ON LEAF RUST NOVEMBER 23 AND ON STEM RUST DECEMBER 21, 1972. WEATHER CONDITIONS FAVORED THE DEVELOPMENT OF RUST DISEASES. DURING THE GROWING SEASON, RAINFALL WAS ABUNDANT. NO FERTILIZERS WERE APPLIED. THE ATTACK OF LEAF RUST WAS THE HEAVIEST OBSERVED IN RECENT YEARS.

AUSTRIA

- PROBSTDORFER SAATZUCHT G.M.B.H., SUCHSTATION, "PROBSTDORF"; H. HANSEL

ALTITUDE - 150 M (492 FT.) LATITUDE - 48°10'N

PLANTED - OCTOBER 14, 1971

NOTES WERE TAKEN ON POWDERY MILDEW MAY 26, SEPTORIA NODORUM (GLUME BLOTCH) AND STEM RUST ON JULY 5, 1972. THE GROWING SEASON WAS WET AND STEM RUST AND MILDEW WERE CONSIDERED SEVERE.

CHILE

- QUILAMAPU EXPERIMENTAL ESTACION, "CHILLAN"; L. AGUAYO CH., J. ACEVEDO, M. MELLADO Z., I. RAMIREZ A., AND C. HEWSTONE

ALTITUDE - 144 M (472 FT.) LATITUDE - 36°40'S

PLANTED - JULY 3, 1972

NOTES WERE TAKEN ON STRIPE RUST NOVEMBER 23, 1972. THE PLANTING WAS LATE DUE TO UNFAVORABLE WEATHER CONDITIONS. SOIL WAS VOLCANIC ASH AND FERTILIZED WITH 200 UNITS OF P_2O_5 AS TRIPLE PHOSPHATE AND 120 UNITS N AS KNO_3 (CHILEAN NITRATE). WEED AND APHID CONTROL WAS PRACTICED. RAINFALL WAS HIGHER THAN NORMAL (1462 MM) FOR THE SEASON BUT WAS LOW DURING NOVEMBER-DECEMBER. TEMPERATURES WERE MODERATE WITH A MINIMUM OF 7.6 C IN JULY AND 21.7 C IN DECEMBER. STRIPE RUST APPEARED IN OCTOBER AND CONTINUED DEVELOPMENT. AT THE TIME OF TAKING NOTES, THE SEVERITY WAS EXCELLENT FOR MAKING GOOD EVALUATION OF ENTRIES.

- LA PLATINA EXPERIMENTAL ESTACION, "SANTIAGO"; E. HACKE, R. GONZALEZ, O. MORENO, AND I. RAMIREZ

ALTITUDE - 629 M (2,065 FT.) LATITUDE - 32°27'S

PLANTED - JULY 13, 1972

NOTES WERE TAKEN ON STRIPE RUST OCTOBER 3, AND ON LEAF AND STEM RUST DECEMBER 7-8, 1972. THE NURSERY WAS ARTIFICIALLY INOCULATED WITH A MIXTURE OF UREDO-SPORES COLLECTED AT THE LA PLATINA EXPERIMENTAL ESTACION. NO ATTEMPT WAS MADE TO ISOLATE AND

IDENTIFY THE MIXTURE OF RACES USED. THE NURSERY WAS PLANTED ON A CLAY LOAM AND FERTILIZED WITH 120 UNITS OF P_2O_5 AS TRIPLE PHOSPHATE AND 120 UNITS OF N AS $NaNO_3$. WEED CONTROL CONSISTED OF WEEDONE LV4 (2,4-D ESTER-62.5 AI) 250 CC/HA. RAINFALL WAS HIGHER THAN NORMAL (580 MM). SPRING TEMPERATURES WERE COOL. A GOOD DEVELOPMENT OF STRIPE AND STEM RUST OCCURRED, ALTHOUGH LEAF RUST WAS POOR. CONSEQUENTLY, THE DATA FOR LEAF RUST WERE OMITTED FROM THE REPORT.

- CARILLANCA EXPERIMENTAL ESTACION, "TEMUCO"; J. ACEVEDO, C. HEWSTONE, AND I. RAMIREZ

ALTITUDE - 322 M (1,089 FT.) LATITUDE - 38°40'S

PLANTED - JUNE 30, 1972

NOTES WERE TAKEN ON STRIPE RUST DECEMBER 4, 1972. THE STAGE OF GROWTH VARIED FROM 5 TO 6. THE NURSERY WAS PLANTED ON A VOLCANIC ASH TYPE OF SOIL AND FERTILIZED WITH 200 UNITS P_2O_5 AS TRIPLE PHOSPHATE AND 128 UNITS OF N AS KNO_3 . RAINFALL WAS HIGHER THAN NORMAL DURING THE SEASON. SPRING TEMPERATURES WERE COOL. STRIPE RUST APPEARED EARLIER THAN NORMAL (OCTOBER). DISEASE DEVELOPMENT WAS CONSIDERED EXCELLENT.

COLOMBIA

- DIVISION DE INVESTIGACIONES AGRICOLAS, "SURBATA"; E. DELGADO, R. LOPEZ, M. ZAPATA, AND D. VARELA

ALTITUDE - 2,600 M (8,528 FT.) LATITUDE - 5°48'N

PLANTED - APRIL 4, 1972

NOTES WERE TAKEN ON STRIPE RUST (LEAF INFECTION) JUNE 13, LEAF RUST ON AUGUST 16, AND ON STEM RUST SEPTEMBER 7, 1972. INFECTION OF LEAF RUST WAS ERRATIC BETWEEN PLOTS AND LOW IN SEVERITY. CONSEQUENTLY, DATA FOR LEAF RUST WERE OMITTED FROM THE REPORT. THE NURSERY WAS PLANTED ON A CLAY LOAM AND FERTILIZED WITH 10-30-10 AT THE RATE OF 250 KG/HA. THE GROWING SEASON WAS CONSIDERED "RAINY" AND DISEASE DEVELOPMENT WAS CONSIDERED "FAIR".

- DIVISION DE INVESTIGACIONES AGRICOLAS, "TIBAITATA"; R. LOPEZ, R. BAUMGARTNER, M. ZAPATA, AND D. VARELA

ALTITUDE - 2,640 M (8,659 FT.) LATITUDE - 4°35'N

PLANTED - APRIL 7, 1972

NOTES WERE TAKEN ON STRIPE RUST (LEAF INFECTION JULY 24 AND ON HEAD INFECTION AUGUST 16), LEAF RUST AUGUST 28, STEM RUST ON SEPTEMBER 29, AND ALSO ON ROOT ROT SEPTEMBER 29. EXCEPT FOR LEAF AND STRIPE RUST (LEAF INFECTION) OTHER DISEASES WERE ERRATIC IN OCCURRENCE AND EVALUATION OF ENTRIES WAS DIFFICULT. CONSEQUENTLY, THEIR DATA ARE OMITTED FROM THE REPORT. THE NURSERY WAS PLANTED ON A CLAY LOAM AND NOT FERTILIZED. THE SEASON WAS DRY AND DISEASE DEVELOPMENT WAS CONSIDERED ONLY FAIR.

FRANCE

- STATION CENTRALE DE GENETIQUE ET D'AMELERATION DES PLANTES, "VERSAILLES"; P. AURIAU AND C. DESPATUREAUX

ALTITUDE - 150 M (492 FT.) LATITUDE - 48°N

PLANTED - OCTOBER 22, 1971

NOTES WERE TAKEN ON STRIPE AND STEM RUST THE EARLY PART OF JULY, 1972. THE AUTUMN AND WINTER WERE DRY WITH A MODERATE TO WET SPRING AND SUMMER. THE NURSERY WAS INOCULATED WITH RACES 14 AND 24 OF STEM RUST AND AN UNIDENTIFIED MIXTURE OF STRIPE RUST. THE TOTAL PRECIPITATION FROM SEPTEMBER 1, 1971 TO AUGUST 31, 1972 WAS 562.7 MM OR APPROXIMATELY 22.5 INCHES. THE WINTER WAS COOL WITH NO FROST WHILE THE SUMMER WAS CONSIDERED COLD WITH LOW TEMPERATURES OCCURRING DURING HEADING.

GREECE

- PLANT BREEDING INSTITUTE, "THESSALONIKI"; E. A. SKORDA

ALTITUDE - 10 MM (35 FT.) LATITUDE - 40°38'N

PLANTED - NOVEMBER 11, 1971

NOTES WERE TAKEN ON LEAF RUST JUNE 1 AND ON STEM RUST JULY 10, 1972. THE SOIL WAS A RECENT LIGHT ALLUVIAL FERTILIZED WITH 30 KG/HA AMMONIUM SULFATE AND 60 KG/HA P₂O₅ BEFORE PLANTING AND IN SPRING 60 KG/HA AMMONIUM NITRATE. THE WINTER WAS UNUSUALLY MILD AND WET.

MONTH	TEMPERATURE °C			RAINFALL (MM)
	MEAN	MAX.	MIN.	
NOVEMBER	10.1	15.1	4.9	4.5
DECEMBER	7.1	11.0	2.5	48.0
JANUARY	5.7	7.3	3.7	54.0
FEBRUARY	6.5	8.9	4.1	57.0
MARCH	9.0	13.8	3.9	20.0
APRIL	14.8	18.9	9.4	87.5
MAY	21.1	23.9	12.3	39.0
JUNE	25.4	30.5	17.6	48.0

JAPAN

- TOHOKU NATIONAL AGRICULTURAL EXPERIMENT STATION, "MORIOKA"; K. KAMIO AND K. MUKADE

ALTITUDE - 178 M (585 FT.) LATITUDE - 39°45'N

PLANTED - SEPTEMBER 27, 1971

NOTES WERE TAKEN ON LEAF RUST JULY 1, 1972. RUST DEVELOPED NATURALLY. THE SOIL WAS A VOLCANIC ASH FERTILIZED WITH 100 KG/HA OF 7-15-10. WEATHER CONDITIONS WERE AS FOLLOWS:

MONTH	TEMPERATURE °C			RAINFALL (MM)
	MEAN	MAX.	MIN.	
NOVEMBER	4.6	9.6	-0.6	37.0
DECEMBER	0.1	3.4	-3.2	74.0
JANUARY	-1.7	2.3	-5.7	78.0
FEBRUARY	-3.4	0.9	-7.8	140.0
MARCH	1.8	6.7	-3.2	108.5
APRIL	8.1	13.0	3.2	94.5
MAY	12.6	18.4	6.8	91.5
JUNE	17.3	22.5	12.1	120.5
JULY	22.1	26.3	18.0	131.5

KOREA

- CROP EXPERIMENT STATION; "SUWON"; C. H. CHO

LATITUDE - 37°16'N

PLANTED - OCTOBER 10, 1971

NOTES WERE TAKEN ON POWDERY MILDEW, SEPTORIA TRITICI AND VIRUS ON JUNE 7, SEPTORIA NODORUM, SCAB, AND LOOSE SMUT ON JUNE 9, LEAF RUST ON JUNE 19, AND STEM RUST JUNE 24, 1972. INFECTION OF STEM AND LEAF RUST AND SEPTORIA NODORUM WAS MOST CONSISTENT AND GOOD EVALUATION OF ENTRIES WAS POSSIBLE. OTHER DISEASES WERE TOO ERRATIC FOR GOOD EVALUATION OF ENTRIES. THE NURSERY WAS PLANTED ON A SANDY LOAM AND FERTILIZED WITH 14-8-8. WEATHER CONDITIONS WERE MILD DURING THE WINTER AND HUMID DURING THE HEADING PERIOD.

NETHERLANDS

- INSTITUTE FOR PHYTOPATHOLOGICAL RESEARCH, "WAGENINGEN" J. MESDAG

ALTITUDE - 10 M (35 FT.) LATITUDE - 52°N

PLANTED - OCTOBER 19, 1971

NOTES WERE RECORDED ON POWDERY MILDEW JUNE 6 TO 14 AND ON STRIPE RUST JUNE 14 TO 20, 1972. NO WINTER-KILLING OCCURRED IN THIS NURSERY. IT WAS SOWN ON A HEAVY CLAY SOIL, WITH VETCH AS A GREEN MANURE CROP THE PRECEDING YEAR. THE DEVELOPMENT OF PLANTS IN THE SPRING WAS RATHER HEALTHY; WE SUPPOSE THAT THIS FAVORED THE DEVELOPMENT OF A HEAVY MILDEW ATTACK. THE DEVELOPMENT OF STRIPE RUST WAS SOMEWHAT SLOW AND PERHAPS NOT QUITE REGULARLY SPREAD OVER THE TRIAL FIELD. NEVERTHELESS, THE EPIDEMIC OF STRIPE RUST WAS RATHER HEAVY. THE OBSERVATIONS ON SEVERITY ARE PRESENTED AS THE LEAF AREA WHICH IS INFECTED BY STRIPE RUST AS A PERCENTAGE OF THE LEAF AREA OF THE WHOLE PLANT. FOR MILDEW, WE USED A DEVIATING OBSERVATION ON SEVERITY, NAMELY THE LEAF AREA IN THE LOWER PART OF THE PLANT WHICH IS INFECTED BY THIS FUNGUS AS A PERCENTAGE OF THE LEAF AREA OF THAT LOWER PART.

PARAGUAY

- ESTACION AGRICOLA EXPERIMENTAL, "ENCARNACION"; S. PANIAGUAS. AND E. D. DAVALOS

ALTITUDE - 200 M (656 FT.) LATITUDE - 27°17'S

PLANTED - MAY 5, 1972

NOTES WERE TAKEN ON LEAF AND STEM RUST, SEPTORIA AND HELMINTHOSPORIUM LEAF SPOT. THE NURSERY WAS PLANTED ON A SANDY LOAM SOIL AND FERTILIZED AT THE TIME OF PLANTING WITH 16-58-12 AT THE RATE OF 150 KG/HA. WEATHER CONDITIONS WERE AS FOLLOWS:

MONTH	RAINFALL (MM)	TEMPERATURE °C			AVE. REL. HUM.
		MAX.	MIN.	AVE.	
MAY	53.2	25.7	13.4	9.3	76.7
JUNE	292.6	22.5	13.2	22.0	92.1
JULY	129.6	20.3	9.7	15.0	79.4
AUGUST	308.4	20.3	8.9	14.4	80.7
SEPTEMBER	232.5	26.1	11.7	18.9	70.5
OCTOBER	188.8	25.9	11.7	19.2	71.1

PORTUGAL

- PLANT BREEDING STATION, "ELVAS"; M. J. ANTUNES

ALTITUDE - 208 M (680 FT.) LATITUDE - 38°53'N

PLANTED - JANUARY 9, 1973

NOTES WERE TAKEN ON POWDERY MILDEW, LEAF AND STRIPE RUST MAY 31 AND ON SEPTORIA AND STEM RUST ON JUNE 7, 1973. THE NURSERY WAS INOCULATED WITH CULTURES OF RACES 14, 17, 21, 34, 186, AND 194 OF PUCCINIA GRAMINIS TRITICI. THE NURSERY WAS PLANTED ON CLAY LOAM--PH 8.2 WITH CALCIUM CONTENT OF 0.75%; PHOSPHORUS--14 PPM; POTASSIUM 9.9 PPM; AND ORGANIC MATTER OF 0.26%. THE NURSERY WAS FERTILIZED WITH 140 KG/HA OF 26% NITROPUSAP IN FEB. AND 200 KG/HA OF SODIUM NITRATE IN MARCH. DATA WAS RECEIVED TOO LATE TO BE INCLUDED IN THE SUMMARY. WEATHER CONDITIONS WERE AS FOLLOWS:

TEMPERATURES

MONTH	AVG.		MEAN DAILY	30 YEAR AVERAGE
	MAX.	MIN.		
NOV. '72	16.4	8.5	12.4	12.1
DECEMBER	12.5	4.4	8.4	8.6
JAN. '73	12.9	2.3	7.6	8.0
FEBRUARY	14.3	3.4	8.9	9.2
MARCH	16.7	5.3	11.0	11.8
APRIL	22.2	6.9	14.5	14.2
MAY	23.6	11.4	17.4	17.1
JUNE	29.5	14.5	22.0	21.8

RAINFALL

MONTH	RAINFALL		NO. RAINY DAYS	
	'72-73	30 YEAR AVG.	'72-73	30 YEAR AVG.
NOV. '72	43.6	75.8	15	9
DECEMBER	133.3	72.8	17	11
JAN. '73	59.3	85.8	14	11
FEBRUARY	17.9	63.0	5	9
MARCH	25.7	99.2	6	13
APRIL	10.0	55.0	1	9
MAY	88.8	39.1	10	8
JUNE	29.1	20.1	6	3

PUERTO RICO

- COMMONWEALTH EXPERIMENT STATION, UNIVERSITY OF PUERTO RICO; "LAJAS"; R. A. KILPATRICK AND F. A. JIMENEZ

ALTITUDE - NEAR SEA LEVEL LATITUDE - 18°45'N

PLANTED - DECEMBER 22, 1971

NOTES WERE TAKEN ON STEM RUST, RACE 32, ON MARCH 17-18, 1972. THE NURSERY WAS INOCULATED WITH A CULTURE OF RACE 32. SUBSEQUENT IDENTIFICATION INDICATED NO CONTAMINATION. SEEDS OF THE DIFFERENT ENTRIES WERE VERNALIZED AT BELTSVILLE FOR A PERIOD OF 6-7 WEEKS AND THEN SHIPPED TO LAJAS FOR TRANSPLANTING TO JIFFY POTS PRIOR TO TRANSPLANTING TO THE FIELD IN HILLS. WHEN PLANTS WERE APPROXIMATELY SIX WEEKS OLD, THEY WERE HYPODERMICALLY INJECTED WITH PUCCINIA GRAMINIS TRITICI RACE 32.

- FEDERAL EXPERIMENT STATION, "MAYAGUEZ"; R. A. KILPATRICK AND F. A. JIMENEZ

ALTITUDE - NEAR SEA LEVEL LATITUDE - 18°15'N

PLANTED - DECEMBER 21, 1971

NOTES WERE TAKEN ON STEM RUST MARCH 22, 1972. SEED OF THE DIFFERENT ENTRIES WERE VERNALIZED AT $35^{\circ} \pm 2^{\circ}\text{F}$ FOR SEVEN WEEKS THEN SHIPPED TO MAYAGUEZ. PLANTS WERE PLACED IN JIFFY POTS AND LEFT IN A GREENHOUSE FOR TWO WEEKS PRIOR TO TRANSPLANTING TO HILLS IN THE FIELD. WHEN PLANTS WERE APPROXIMATELY SIX WEEKS OLD, THEY WERE INOCULATED BY HYPODERMIC INJECTION WITH RACE 151 OF PUCCINIA GRAMINIS TRITICI. AT THE TIME THEY WERE INOCULATED, A SUPPLEMENTAL LIGHT (MERCURY VAPOR LAMPS) WAS STARTED. THE INTENSITY AT PLANT HEIGHT WAS 3 FT-C. LIGHTS WERE APPLIED FROM 10 P.M. UNTIL 3 A.M. PLOTS WERE IRRIGATED WHEN NECESSARY. IDENTIFICATION OF RUST COLLECTIONS REVEALED A MIXTURE OF RACES 151 AND 32. THEREFORE, READINGS MUST BE INTERPRETED AS A COMBINATION OF THE TWO RACES.

REPUBLIC OF SOUTH AFRICA

- AGRICULTURAL EXPERIMENT STATION, "BETHLEHEM"; W.M.R.E. PIEPER AND B. LOMBARD

ALTITUDE - 1,654 M (5,425 FT.) LATITUDE - 28°50'S

PLANTED - MAY 24, 1972

NOTES WERE TAKEN ON LEAF AND STEM RUST NOVEMBER 20 TO 23, 1972. THE NURSERY WAS PLANTED ON A LOAMY SAND AND FERTILIZED WITH 200 KG/HA 2:3:0(22) AND IRRIGATED AS NEEDED. WEATHER CONDITIONS WERE AS FOLLOWS:

<u>MONTH</u>	<u>TEMPERATURES °C</u>			<u>RAINFALL (MM)</u>
	<u>MEAN</u>	<u>MAX.</u>	<u>MIN.</u>	
MAY	9.6	18.6	0.5	6.3
JUNE	6.1	15.7	-3.5	8.6
JULY	10.1	17.1	3.1	0.0
AUGUST	11.0	20.1	1.9	0.6
SEPTEMBER	13.4	23.3	3.5	3.5
OCTOBER	18.4	26.9	9.9	65.9
NOVEMBER	17.9	25.3	10.4	83.1

TURKEY

- WHEAT RESEARCH AND TRAINING STATION, "ANKARA"; J. M. PRESCOTT AND E. J. RICE

ALTITUDE - 860 M (2,821 FT.) LATITUDE - 32°39'N

PLANTED - OCTOBER 21, 1971

NOTES WERE TAKEN ON STRIPE RUST JULY 7, 1972. THE VIRULENCE OF THE INOCULUM WAS NOT IDENTIFIED ALTHOUGH THE COLLECTION OF SPORES CAME FROM THE MAIN WHEAT GROWING AREAS OF TURKEY IN 1971.

UNITED STATES

- FLORIDA, UNIVERSITY OF FLORIDA, "GAINESVILLE";
H. H. LUKE

PLANTED - DECEMBER 12, 1971

NOTES WERE TAKEN ON LEAF RUST APRIL 17, 1972. DUE TO EXTREMELY WARM WINTER, MANY ENTRIES DID NOT GROW VERY WELL. THIS RESULTED IN THE DEATH AND CROWDING OUT OF SOME ENTRIES. GOOD READINGS COULD NOT BE MADE ON MANY ENTRIES. ALSO, WEEDS GROWING IN THE ROWS OF SOME ENTRIES CAUSED SHADING AND MAY HAVE INFLUENCED THE READING. RUST WAS FIRST NOTED JANUARY 12 AND IT DEVELOPED VERY WELL.

- GEORGIA, COASTAL PLAIN EXPERIMENT STATION, "TIFTON";
D. D. MOREY

ALTITUDE - 113 M (370 FT.) LATITUDE - 31°28'N

PLANTED - NOVEMBER 16, 1971

NOTES WERE TAKEN ON LEAF RUST APRIL 6, 1972. THE WINTER OF 1971-72 WAS WARM AND MILD AT TIFTON WITH AMPLE MOISTURE FOR SPREADING OF DISEASES. LEAF RUST CAME IN NATURALLY ON SUSCEPTIBLE SPREADER ROWS AND GOOD READINGS WERE OBTAINED APRIL 6, 1972. THE NURSERY WAS PLANTED ON TIFTON SANDY LOAM SOIL, FERTILIZED WITH 500 LB/A OF 5-10-5.

- INDIANA, AGRICULTURAL EXPERIMENT STATION, "LAFAYETTE";
G. SHANER, R. FINNEY, F. PATTERSON, H. OHM, AND J. ROBERTS

LATITUDE - 40°25'N

PLANTED - SEPTEMBER 18, 1971

NOTES WERE TAKEN ON LEAF RUST. THE FALL OF 1971 WAS UNUSUALLY LONG AND WARM AT LAFAYETTE, PERMITTING THE BUILDUP OF A NATURAL LEAF RUST EPIDEMIC. A SEVERE BARLEY YELLOW DWARF EPIDEMIC IN THE NURSERY PREVENTED AN EPIDEMIC OF LEAF RUST IN THE SPRING, SO NOTES WERE NOT TAKEN THEN.

- KANSAS, AGRICULTURAL EXPERIMENT STATION, "MANHATTAN";
L. E. BROWDER

ALTITUDE - 290 M (950 FT.) LATITUDE - 39°15'N

PLANTED - OCTOBER 15, 1971

NOTES WERE TAKEN ON LEAF RUST JUNE 10, 1972.

- MINNESOTA, CEREAL RUST LABORATORY, UNIVERSITY OF MINNESOTA, "ST. PAUL"; D. V. MCVEY, A. P. ROELFS, AND STAFF OF THE LABORATORY

ALTITUDE - 259 M (850 FT.) LATITUDE - 45°N

PLANTED - OCTOBER, 1971

NOTES WERE TAKEN ON STEM RUST (JUNE 28) AND MILDEW (JUNE 19) IN 1972. THE NURSERY WAS INOCULATED WITH RACES 11, 15, 15B-6, 15B-2, 17, 31, 32, 56, 113, 151, AND 177 OF PUCCINIA GRAMINIS TRITICI. LEAF RUST FAILED TO DEVELOP UNTIL LATE IN THE SEASON.

THE SEEDLING REACTION TO FIVE DIFFERENT CULTURES OF STEM RUST WAS DETERMINED IN THE GREENHOUSE DURING FEBRUARY WHEN TEMPERATURES WERE IN THE 70'S. PLANTS RECEIVED SUPPLEMENTAL LIGHTS DAILY FOR A DURATION OF 16 HRS./DAY.

- SOUTH CAROLINA, AGRICULTURAL EXPERIMENT STATION, "CLEMSON"; G. KINGSLAND

PLANTED - NOVEMBER, 1971

NOTES WERE TAKEN ON LEAF RUST IN APRIL, 1972.

- TEXAS, AGRICULTURAL EXPERIMENT STATION, "BEEVILLE"; F. J. GOUGH AND LUCAS REYES

ALTITUDE - 66 M (215 FT.) LATITUDE - 28°21'N

PLANTED - NOVEMBER, 1971

NOTES WERE TAKEN ON LEAF RUST MARCH 16, 1972. PLANTS RIPENED TOO EARLY TO GET MEANINGFUL STEM RUST DATA.

- TEXAS, TEXAS A&M UNIVERSITY, "COLLEGE STATION"; F. J. GOUGH AND O. G. MERKLE

ALTITUDE - 111 M (365 FT.) LATITUDE - 30°40'N

PLANTED - NOVEMBER 1, 1971

NOTES WERE TAKEN ON LEAF RUST APRIL 4 AND ON STEM RUST APRIL 17, 1972. GOOD EVALUATION OF LEAF RUST WAS OBTAINED WHILE STEM RUST WAS SPORADIC IN OCCURRENCE AND INFECTION WAS LOW.

- VIRGINIA, AGRICULTURAL EXPERIMENT STATION, VIRGINIA POLYTECHNIC INSTITUTE, "BLACKSBURG"; C. W. ROANE AND T. M. STARLING

ALTITUDE - 640 M (2,100 FT.) LATITUDE - 37°15'N

NO NOTES WERE TAKEN BECAUSE OF THE HURRICANE "AGNES". THIS STORM CAME ABOUT THE TIME NOTES WERE TAKEN. RAINS CONTINUED FOR ONE WEEK BUT BY THE TIME IT WAS DRY ENOUGH TO GET IN THE FIELD, ALL THE MATERIALS HAD MATURED. THE YEAR 1972 WAS A "BUST YEAR" FOR ALL THE EXPERIMENTAL WORK AT WARSAW.

URUGUAY

- CENTRO DE INVESTIGACIONES AGRICOLAS, "LA ESTANZUELA"; C. M. TAVELLA

ALTITUDE - 84 M (275 FT.) LATITUDE - 34°20'S

PLANTED - MAY, 1972

NOTES WERE TAKEN ON LEAF AND STEM RUST AND SEPTORIA TRITICI.

YUGOSLAVIA

- INSTITUTE FOR SMALL GRAINS, "KRAGUJEVAC"; B. KOSTIC
AND S. STOJANOVIC

ALTITUDE - 190 M (623 FT.) LATITUDE - 44°02'N

PLANTED - NOVEMBER 11, 1971

NOTES WERE TAKEN ON POWDERY MILDEW MAY 16 AND ON
STEM RUST JUNE 19, 1972. INFECTION OF BOTH
DISEASES WAS HEAVY AND GOOD READINGS WERE TAKEN.
THE SOIL WAS A SMONITZA AND WAS FERTILIZED PRIOR
TO PLANTING WITH 10-30-20 AT THE RATE OF 300 KG/
HA AND THEN TOPDRESSED WITH 150 KG/HA OF KAN
(NITROMONKAL) ON FEBRUARY 29, 1972. WEATHER
CONDITIONS WERE AS FOLLOWS:

<u>MONTH</u>	<u>MEAN TEMP.</u>	<u>NO. OF DAYS</u>		<u>RAINFALL</u> <u>(MM)</u>	<u>PREV.</u> <u>WIND</u>
		<u>WITH RAIN</u>	<u>WITH DEW</u>		
MARCH	8.0	2	1	0.3	SE
APRIL	12.9	17	11	45.2	SW
MAY	16.9	6	10	34.6	SW
JUNE	21.1	9	3	36.6	NW

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E	YR. IN NURSERY	P.I. OR C.I. NO.	SOURCE	ENTRY NO.
PURPLESTRAW	5	1915	USSR	1
ARTHUR	4	14425	INDIANA	2
BENHUR	4	14054	INDIANA	3
GAGE	4	13532	NEBRASKA	4
PURDUE 5724B3-5P-8-2	4		INDIANA	5
WARRIOR (F2) /III-54-12,SD66108	4		SOUTH DAKOTA	6
PONCA/ (F3) CLIMAX/2/NB61977,SD66173	4		SOUTH DAKOTA	7
WINALTA SELECTION,MT 036541	4		MONTANA	8
GAGE/HUME,SD6716	3		SOUTH DAKOTA	9
AGENT	4	13523	OKLAHOMA	10
TRUMBULL	4	5657	OHIO	11
ANIVERSARIO	4	12578	ARGENTINA	12
LUCERO	4	14047	ARGENTINA	13
LEAF RUST SINGLE GENE LINE 2D (WICHITA),KS 67R19	4	15245	KANSAS	14
LEAF RUST SINGLE GENE LINE 3 (WICHITA),KS 67R20	4	15246	KANSAS	15
LEAF RUST SINGLE GENE LINE 9 (WICHITA),KS 67R23	4	15247	KANSAS	16
LEAF RUST SINGLE GENE LINE 1 3 (WICHITA),KS 67RB	4	14481	KANSAS	17
LEAF RUST SINGLE GENE LINE 2A (WICHITA),KS 67R16	4	15248	KANSAS	18
LEAF RUST SINGLE GENE LINE 1 (WICHITA),KS69R4401	3	14578	KANSAS	19
PURPLESTRAW	5	1915	USSR	20
BALBO RYE	2	5	TENNESSEE	21
KENYA 58/NEWTATCH/3/HOPE/2*TURKEY/2/CHEYENNE/4/ PARKER,NB66425	4		NEBRASKA	22
PURDUE 6345A9-11	3		INDIANA	23
TRAPPER	4	13999	NEBRASKA	24
FOX	2	13987	TEXAS	25
SCOUTLAND	4	14075	NEBRASKA	26
SCOUT/12995,NB 68435	2		NEBRASKA	27
TIMPAW	4	14154	OKLAHOMA	28
FULHIO/4/PARKER/3/TRUMBULL/2/HOPE/HUSSAR/5/WABASH /AMERICAN BANNER/4/FAIRFIELD/PI 94587/2/2* FULTZ/HUNGARIAN,STW 61R8534	2		OKLAHOMA	29
KANRED/HARD FEDERATION,STW 63R5003	4		OKLAHOMA	30
LEE/FRONTANA/2/CONCHO,STW 65R5730	2		OKLAHOMA	31
HADDEN/PURDUE 501A58-7-1-2, P1X63-113-319-103	1		FLORIDA	32
PARKER*4/AGENT, KS 70356	1		KANSAS	33
BLUEBOY II	1	15281	NORTH CAROLINA	34
PURPLESTRAW	2	1915	USSR	35
OMAR MUTANT 448-A	5	14197	WASHINGTON	36
KAW61*5/AGENT,68F6656	4		COLORADO	37
KAW61*5/AGENT,68F6660	4		COLORADO	38
KAW61*5/AGENT,68F6664	4		COLORADO	39

-11-

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E - - - - -				YR. IN NURSERY	P.I. OR C.I. NO.	-----SOURCE-----	ENTRY NO.
PURPLESTRAW				5	1915	USSR	40
PARKER*4/AGENT, 68F6733				4		COLORADO	41
PARKER*4/AGENT, 68F6737				4		COLORADO	42
PARKER*4/AGENT, 68F6740				4		COLORADO	43
PARKER*4/AGENT, 68F6742				4		COLORADO	44
PARKER*4/SCOUT (F1) /2/AGENT, 68F6642				4		COLORADO	45
SCOUT*5/AGENT, 68F6676				4		COLORADO	46
SCOUT*5/AGENT, 68F6677				4		COLORADO	47
SCOUT*5/AGENT, 68F6678				4		COLORADO	48
WARRIOR*5/AGENT, 68F6602				4		COLORADO	49
WARRIOR*5/AGENT, 68F6606				4		COLORADO	50
WARRIOR*5/AGENT, 68F6610				4		COLORADO	51
PONCA/3/MCMURACHY/EXCHANGE/2/REDMAN, KS 594-2				4	14465	KANSAS	52
CI13548/2/ATLAS66/COMANCHE (60306) /3/LANCER SEL (634008), NB68570				4		NEBRASKA	53
FRONTANA/CHEYENNE (54H1768) /2/LANCER, NB68493				4		NEBRASKA	54
GAGE/LANCER, NB68427				4		NEBRASKA	55
MCMURACHY/EXCHANGE/2/REDMAN/3/2*HOPE/TURKEY/2/ CHEYENNE (61919) /4/ (CI13666) PONCA/2*CHEYENNE, NB68463				4		NEBRASKA	56
GAGE SELECTION, NB65409				4		NEBRASKA	57
MCMURACHY/EXCHANGE/2/REDMAN/3/2*HOPE/TURKEY/2/ CHEYENNE (61919) /4/LANCER, NB68465				4		NEBRASKA	58
SCOUT/5/ (61965) KENYA 58/NEWTATCH/3/CHEYENNE/ TENMARQ/2/MEDITERRANEAN/HOPE/4/PAWNEE/ CHEYENNE, NB68437				4		NEBRASKA	59
PURPLESTRAW				5	1915	USSR	60
SCOUT/5/ (61965) KENYA 58/NEWTATCH/3/CHEYENNE/ TENMARQ/2/MEDITERRANEAN/HOPE/4/PAWNEE/ CHEYENNE, NB68440				4		NEBRASKA	61
WARRIOR/2/ (F1) ATLAS66/COMANCHE/3/LANCER, NB68510				4		NEBRASKA	62
SCOUT/4/QUIVIRA/TENMARQ/MARQUILLO/ORO, NB 68432				3		NEBRASKA	63
PAWNEE/CHEYENNE/2/PAWNEE/KENYA 58/3/CHEYENNE, NB66403				5		NEBRASKA	64
				3	278286	GREECE	65
KAW61*5/AGENT, 68F6650				3		COLORADO	66
KAW61*5/AGENT, 68F6652				3		COLORADO	67
SCOUT*5/AGENT, 68F6673				3		COLORADO	68
SCOUT*5/AGENT, 68F6674				3		COLORADO	69
SCOUT*5/AGENT, 68F6679				3		COLORADO	70

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

-----P E D I G R E E-----	YR. IN NURSERY	P.I. OR C.I. NO.	-----SOURCE-----	ENTRY NO.
WARRIOR*5/AGENT, 68F6727	3		COLORADO	71
KAW 61 *5/AGENT, 68F6748	3		COLORADO	72
KAW61*5/AGENT, 68F6753	3		COLORADO	73
KAW61*5/AGENT, 68F6755	3		COLORADO	74
AGENT/ASOSAN/2/BEZOSZTAJA, F4, T3562	3		GEORGIA	75
COMPLEX BENHUR CROSS, F7, T4126	3		GEORGIA	76
MARQUILLO/ORO/2/ORO/TENMARQ/3/KANKING, KS 62217	3	14464	KANSAS	77
IV CL (CI 12034) /2/COMANCHE/PAWNEE/3/CONCHO, KS 63323	3	14463	KANSAS	78
IV CL (CI 12034) /2/COMANCHE/PAWNEE/3/CONCHO, KS 63325	3	14462	KANSAS	79
PURPLESTRAW	5	1915	USSR	80
JARAL S/TRAPPER/2/CO 652643, 70F1420, CO 701420	2		COLORADO	81
SCOUT/4/QUIVIRA/TENMARQ/MARQUILLO/ORO, NB68435	3		NEBRASKA	82
PONCA/CHEYENNE/2/SCOUT, NB68455	3		NEBRASKA	83
CHEYENNE/2/PONCA/3/TURKEY/CHEYENNE/4/SCOUT, NB68521	3		NEBRASKA	84
BOWIE/QUADERNA, S66R5803	3		OKLAHOMA	85
REDCOAT/NORIN33/5/FAIRFIELD/3/PI94587/2/2*FULTZ/ HUNGARIAN/4/3*TRUMBULL/2/HOPE/HUSSAR/3/ TRUMBULL/WISCONSIN 38/2/FULTZ/HUNGARIAN/6/ KNOX, S68R7164	3		OKLAHOMA	86
SAN PASTORE/HEINE, BC 3546-62	3	316426	YUGOSLAVIA	87
JO-DAR	2	268426	AFGHANISTAN	88
BELJSKA 56	2	294897	BULGARIA	89
PERWENETZ	2	294960	BULGARIA	90
PETROWSKAJA 7	2	294992	BULGARIA	91
CHAMPLEIN	2	298403	CHILE	92
DAGNESTAN 3425	2	290487	HUNGARY	93
VENENY 39-2, I-1-1591	2	290482	HUNGARY	94
ARAGON 3	2	299133	SPAIN	95
TRAPPER/3/SONORA 64/2/TEZANOS PINTOS PRECOZ/ YAQUI 54/4/SCOUT, CO 692413, 70F2903	2		COLORADO	96
TRAPPER/3/SONORA 64/2/TEZANOS PINTOS PRECOZ/ YAQUI 54/4/SCOUT, CO 692466, 70F2904	2		COLORADO	97
TRAPPER/3/SONORA 64/2/TEZANOS PINTOS PRECOZ/ YAQUI 54/4/SCOUT, CO 692547, 70F2905	2		COLORADO	98
MEXICO 71043/CO 652643/2/LANCER, CO 692781, 70F2910	2		COLORADO	99
PURPLESTRAW	5	1915	USSR	100
NADADOCRES/CO 652643, CO 702269, 70F2269	2		COLORADO	101
II 21183/CO 652363/2/MARA/SCOUT, CO 701967, 70F1967	2		COLORADO	102
MEXICO 71043/CO 652643/2/LANCER, CO 692880, 70F2913	2		COLORADO	103
MEXICO 71043/CO 652643/2/LANCER, CO 692936, 70F2915	2		COLORADO	104

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E				YR. IN	P.I. OR	ENTRY
-----SOURCE-----				NURSERY	C.I. NO.	NO.
NADADORES 63/CO 652643/2/GUIDE,CO 693494,70F2922	2				COLORADO	105
SONORA 64/2/TEZANOS PINTOS PRECOZ/YAQUI 54/3/ TRAPPER/4/COLORADO 43,CO 695366,70F2950	2				COLORADO	106
SONORA 64/2/TEZANOS PINTOS PRECOZ/YAQUI 54/3/ TRAPPER/COLORADO 43,CO 695375,70F2951	2				COLORADO	107
NADADORES 63/2/TRIUMPH/CI 12406/3/OKLAHOMA 59R2, CO 696185,70F2985	2				COLORADO	108
PITIC/YAQUI 54/TEZANOS PINTOS PRECOZ/NAINARI/ TRAPPER/2961, CO 69317,70F2986	2				COLORADO	109
PITIC/YAQUI 54/TEZANOS PINTOS PRECOZ/NAINARI/ TRAPPER/WARRIOR,CO 696753,70F2989	2				COLORADO	110
PITIC/YAQUI 54/TEZANOS PINTOS PRECOZ/NAINARI/SCOUT /LANCER,CO 696795,70F2991	2				COLORADO	111
PITIC/YAQUI 54/TEZANOS PINTOS PRECOZ/NAINARI/SCOUT /LANCER,CO 697049,70F2992	2				COLORADO	112
CO 652422/CHRIS/2/TRIUMPH 64,CO 699225,70F2996	2				COLORADO	113
CO 652422/CHRIS/2/TRIUMPH 64,CO 699272,70F2997	2				COLORADO	114
CO 652422/CHRIS/2/TRIUMPH 64,CO 699361,70F2999	2				COLORADO	115
CHRIS/2/LANCER/GAGE/3/TRIUMPH/406,CO 699370, 70F3000	2				COLORADO	116
CHRIS/2/LANCER/GAGE/3/TRIUMPH/406,CO 699442, 70F3001	2				COLORADO	117
NADADORES 63/CO 652643,CO 912069,70F3004	2				COLORADO	118
NADADORES 63/CO 652643,CO 912079,70F3005	2				COLORADO	119
PURPLESTRAW	5		1915		USSR	120
NADADORES 63/CO 652643,CO 912094,70F3008	2				COLORADO	121
NADADORES 63/CO 652643,CO 912150,70F3009	2				COLORADO	122
NADADORES 63/SCOUT SELECTION,CO 701224,70F1224	2				COLORADO	123
NADADORES 63/SCOUT SELECTION,CO 701226,70F1226	2				COLORADO	124
NADADORES 63/SCOUT SELECTION,CO 701247,70F1247	2				COLORADO	125
NADADORES 63/SCOUT SELECTION,CO 701250,70F1250	2				COLORADO	126
NADADORES 63/CO 662549,CO 701254,70F1254	2				COLORADO	127
NADADORES 63/CO 662549,CO 701266,70F1266	2				COLORADO	128
NADADORES 63/CO 662549,CO 701272,70F1272	2				COLORADO	129
NADADORES 63/CO 662549,CO 701278,70F1278	2				COLORADO	130
NADADORES 63/CO 662549,CO 701288,70F1288	2				COLORADO	131
NADADORES 63/2/TRIUMPH/CI 12406,CO 701309,70F1309	2				COLORADO	132
NADADORES 63/2/TRIUMPH/CI 12406,CO 701317,70F1317	2				COLORADO	133
NADADORES 63/2/TRIUMPH/CI 12406,CO 701318,70F1318	2				COLORADO	134
NADADORES 63/2/SCOUT/KS 62136,CO 701326,70F1326	2				COLORADO	135
CIANO S/SCOUT SELECTION,CO 701347,70F1347	2				COLORADO	136
NADADORES 63/TRAPPER/2/LANCER/KS 62136,CO 701354, 70F1354	2				COLORADO	137

-14-

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E - - - - -				YR. IN NURSERY	P.I. OR C.I. NO.	-----SOURCE-----	ENTRY NO.
NADADORES 63/TRAPPER/2/TRIUMPH/CI 12406,CO 701368, 70F1368				2		COLORADO	138
JARAL S/TRAPPER/2/CO 652643,CO 701413,70F1413				2		COLORADO	139
PURPLESTRAW				5	1915	USSR	140
JARAL S/TRAPPER/2/CO 652643,CO 701439,70F1439				2		COLORADO	141
JARAL S/TRAPPER/2/CO 652643,CO 701459,70F1459				2		COLORADO	142
CIANO S/CO 652363/2/MARA/SCOUT,CO 701531,70F1531				2		COLORADO	143
CIANO S/CO 652363/2/SELKIRK/*2CHEYENNE,CO 701592, 70F1592				2		COLORADO	144
II-21183/CO 652363/2/MARA/SCOUT,CO 701976,70F1976				2		COLORADO	145
II-21183/CO 652363/2/MARA/SCOUT,CO 701979,70F1979				2		COLORADO	146
II-18888/CO 652142/2/TRIUMPH/406,CO 701990,70F1990				2		COLORADO	147
II-18888/CO 652142/2/TRIUMPH/406,CO 702004,70F2004				2		COLORADO	148
II-18888/CO 652142/2/TRIUMPH/406,CO 702012,70F2012				2		COLORADO	149
II-18888/CO 652142/2/TRIUMPH/406,CO 702028,70F2028				2		COLORADO	150
II-18888/TRAPPER/2/PARKER,CO 702030,70F2030				2		COLORADO	151
II-18888/TRAPPER/2/PARKER,CO 702045,70F2045				2		COLORADO	152
II-18888/TRAPPER/2/PARKER,CO 702055,70F2055				2		COLORADO	153
II-18888/TRAPPER/2/PARKER,CO 702056,70F2056				2		COLORADO	154
II-18888/CO 652142/2/LANCER/KS 62136,CO 702060, 70F2060				2		COLORADO	155
II-18888/CO 652142/2/LANCER/KS 62136,CO 702069, 70F2069				2		COLORADO	156
II-18888/CO 652142/2/MARA/SCOUT,CO 702072,70F2072				2		COLORADO	157
II-18888/CO 652142/2/MARA/SCOUT,CO 702075,70F2075				2		COLORADO	158
II-18888/CO 652142/2/MARA/SCOUT,CO 702078,70F2078				2		COLORADO	159
PURPLESTRAW				5	1915	USSR	160
II-18888/CO 652142/2/MARA/SCOUT,CO 702080,70F2080				2		COLORADO	161
II-18888/CO 652142/2/MARA/SCOUT,CO 702088,70F2088				2		COLORADO	162
II-18888/CO 652142/2/MARA/SCOUT,CO 702090,70F2090				2		COLORADO	163
II-18888/CO 652142/2/MARA/SCOUT,CO 702095,70F2095				2		COLORADO	164
II-18888/CO 652142/2/MARA/SCOUT,CO 702099,70F2099				2		COLORADO	165
TEZANOS PINTOS PRECOZ/NA1/2/SONORA 64A/3/CO 652142 /4/LANCER 136,CO 702114,70F2114				2		COLORADO	166
NADADORES/CO 652643,CO 702140,70F2140				2		COLORADO	167
NADADORES/CO 652643,CO 702150,70F2150				2		COLORADO	168
NADADORES/CO 652643,CO 702158,70F2158				2		COLORADO	169
NADADORES/CO 652643,CO 702173,70F2173				2		COLORADO	170
NADADORES/CO 652643,CO 702179,70F2179				2		COLORADO	171
NADADORES/CO 652643,CO 702188,70F2188				2		COLORADO	172
NADADORES/CO 652643,CO 702204,70F2204				2		COLORADO	173

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E				YR. IN NURSERY	P.I. OR C.I. NO.	SOURCE	ENTRY NO.
NADADORES/CO 652643,CO 702217,70F2217				2		COLORADO	174
NADADORES/CO 652643,CO 702234,70F2234				2		COLORADO	175
NADADORES/CO 652643,CO 702237,70F2237				2		COLORADO	176
NADADORES/CO 652643,CO 702249,70F2249				2		COLORADO	177
NADADORES/CO 652643,CO 702250,70F2250				2		COLORADO	178
NADADORES/CO 652643,CO 702252,70F2252				2		COLORADO	179
PURPLESTRAW				5	1915	USSR	180
NADADORES/CO 652643,CO 702270,70F2270				2		COLORADO	181
NADADORES/CO 652643,CO 702277,70F2277				2		COLORADO	182
NADADORES/CO 652643,CO 702291,70F2291				2		COLORADO	183
NADADORES/CO 652643,CO 702314,70F2314				2		COLORADO	184
SONORA 64/TRAPPER/CO 652961,CO 695711,70F2973				2		COLORADO	185
LANCER/KS 62136,CO 672042,70F3022				2		COLORADO	186
SCOUT/CI 12995,CO 673075,70F3025				2		COLORADO	187
CIANO S/CO 652142/2/TRIUMPH/CI 12406,CO 701654, 70F1654				2		COLORADO	188
CIANO S/CO 652142/2/MARA/SCOUT,CO 701694,70F1694				2		COLORADO	189
II-21031/TRAPPER/2/CO 652363,CO 701707,70F1707				2		COLORADO	190
II-21031/TRAPPER/2/CO 652363,CO 701710,70F1710				2		COLORADO	191
II-21031/TRAPPER/2/CO 652363,CO 701714,70F1714				2		COLORADO	192
II-21031/TRAPPER/2/CO 652363,CO 701716,70F1716				2		COLORADO	193
II-21031/TRAPPER/2/CO 652363,CO 701719,70F1719				2		COLORADO	194
II-21031/TRAPPER/2/CO 652363,CO 701733,70F1733				2		COLORADO	195
II-21031/TRAPPER/2/CO 652363,CO 701744,70F1744				2		COLORADO	196
II-21031/CO 652142/2/MARA/SCOUT, CO 701770, 70F1770				2		COLORADO	197
II-21183/TRAPPER/2/CO 652643,CO 701778,70F1778				2		COLORADO	198
II-21183/TRAPPER/2/CO 652643,CO 701780,70F1780				2		COLORADO	199
PURPLESTRAW				5	1915	USSR	200
II-21183/TRAPPER/2/CO 652643,CO 701790,70F1790				2		COLORADO	201
II-21183/TRAPPER/2/CO 652643,CO 701796,70F1796				2		COLORADO	202
II-21183/TRAPPER/2/CO 652643,CO 701813,70F1813				2		COLORADO	203
II-21183/TRAPPER/2/CO 652643,CO 701814,70F1814				2		COLORADO	204
II-21183/TRAPPER/2/CO 661193,CO 701837,70F1837				2		COLORADO	205
II-21183/TRAPPER/2/CO 661193,CO 701839,70F1839				2		COLORADO	206
II-21183/CO 652643/2/LANCER/KS 62136,CO 701847, 70F1847				2		COLORADO	207
II-21183/CO 652643/2/LANCER/KS 62136,CO 701878, 70F1878				2		COLORADO	208
II-21183/CO 652643/2/LANCER/KS 62136,CO 701898, 70F1898				2		COLORADO	209

-16-

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E					YR. IN	P.I. OR	ENTRY
-----SOURCE-----					NURSERY	C.I. NO.	NO.
II-21183/CO	652363/2/MARA/SCOUT,CO	701916,70F1916	2			COLORADO	210
II-21183/CO	652363/2/MARA/SCOUT,CO	701920,70F1920	2			COLORADO	211
II-21183/CO	652363/2/MARA/SCOUT,CO	701950,70F1950	2			COLORADO	212
II-21183/CO	652363/2/MARA/SCOUT,CO	701953,70F1953	2			COLORADO	213
II-21183/CO	652363/2/MARA/SCOUT,CO	701955,70F1955	2			COLORADO	214
II-21183/CO	652363/2/MARA/SCOUT,CO	701958,70F1958	2			COLORADO	215
QUANAH/TENMARQ/2/MARQUILLO/ORO/3/MEDITERRANEAN							
/HOPE/2/3*PAWNEE, KS	62324	2		14467		KANSAS	216
NB 66425 COMPOSITE,NB	69293	2				NEBRASKA	217
NB 66425 COMPOSITE,NB	69291	2				NEBRASKA	218
GAGE/CI 12995,NB	69416	2				NEBRASKA	219
PURPLESTRAW		5		1915		USSR	220
PONCA/3*CHEYENNE/4/KENYA 58/NEWTATCH/3/2*CHEYENNE							
/TENMARQ/2/MEDITERRANEAN/HOPE/5/SCOUT,NB	69441	2				NEBRASKA	221
PONCA/3*CHEYENNE/4/KENYA 58/NEWTATCH/3/2*CHEYENNE							
/TENMARQ/2/MEDITERRANEAN/HOPE/5/SCOUT,NB	669442	2				NEBRASKA	222
WARRIOR*2/MN III-54-12/2/GAGE,NB	69447	2				NEBRASKA	223
ATLAS 66/WICHITA/2/PARKER/3/LUCERO,NB	69554	2				NEBRASKA	224
ATLAS 66/WICHITA/2/PARKER/3/LUCERO,NB	69555	2				NEBRASKA	225
LEE/FRONTANA/2/CONCHO,S65R5730		2				OKLAHOMA	226
FULIO/4/PARKER/3/TRUMBULL/2/HOPE/HUSSAR/5/WABASH/							
AMERICAN BANNER/4/FAIRFIELD/PI94587/2/2*FULTZ							
/HUNGARIAN,S61R8534		2				OKLAHOMA	227
UNKNOWN,P5824A-1-1-3		2				OKLAHOMA	228
KAW/IMPROVED BLUE JACKET/COMANCHE,S	65R5701	2				OKLAHOMA	229
TRIUMPH 64/5/WICHITA/4/WICHITA/3/TRITICUM SPECIE							
/AGROPYRON ELONGATUM/2/PAWNEE,F1 X-RAYED,							
70 STW 20301		2				OKLAHOMA	230
BLUE CONE		2		294568		UNKNOWN	231
BRKULJA-4		2				YUGOSLAVIA	232
ELIA/41/2/KENYA 261.R,ZG	7846-66	3				YUGOSLAVIA	233
OMAR MUTANT 448-A		5		14197		WASHINGTON	234
PURPLESTRAW		5		1915		USSR	235
		1		289825		AFGHANISTAN	236
OMAR*3/PI 178383/2/RIBESEL, MO 70-1441		1				OREGON	237
		1		245617		AFGHANISTAN	238
MAGNIF 103		1		344728		ARGENTINA	239
PURPLESTRAW		5		1915		USSR	240
MAGNIF 140		1		344732		ARGENTINA	241
MAGNIF 146		1		344733		ARGENTINA	242

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E					YR. IN	P.I. OR		ENTRY
					NURSERY	C.I. NO.	-----SOURCE-----	NO.
					1	294944	BULGARIA	243
GORKOWTSCHANKA					1	294987	BULGARIA	244
FACUR MESTNII					1	294984	BULGARIA	245
ZERNOGRADKA					1	294967	BULGARIA	246
SIMEONOWO					1	294965	BULGARIA	247
OSOIZA					1	294958	BULGARIA	248
MURGASCH					1	294956	BULGARIA	249
MAZARTSCHEWO					1	294955	BULGARIA	250
ODESSNAJA 21					1	295346	BULGARIA	251
BELOZERKAWSKAJA 37					1	294999	BULGARIA	252
ACKERMANN'S BAYERNKONIG					1	294996	BULGARIA	253
KRASNODARKA					1	294949	BULGARIA	254
JERAWINO					1	294947	BULGARIA	255
FELDSBERGER GRANNEN					1	294941	BULGARIA	256
DSALI-SURA 35-3					1	294940	BULGARIA	257
DOLNA-MALINA					1	294939	BULGARIA	258
PUDMERICKA CERVENOCLASA					1	294888	BULGARIA	259
PURPLESTRAW					5	1915	USSR	260
ALBENA					1	344739	BULGARIA	261
DOBRUDZA					1	344735	BULGARIA	262
DOBRUDZA 100-10					1	344736	BULGARIA	263
ERYTHROSPERMUM 19-16					1	344737	BULGARIA	264
FERUGINEUM					1	344738	BULGARIA	265
KALIAKRA					1	344739	BULGARIA	266
NADEZDA 2					1	344740	BULGARIA	267
RUSALKA					1	344741	BULGARIA	268
SADOUSKA-RANOZVEJKA 3					1	344742	BULGARIA	269
APULICUM 233					1	344743	BULGARIA	270
HORDEIFORME 1522					1	344744	BULGARIA	271
DRUCHAMP 1940					1	298405	CHILE	272
BIOFEN/NORD DESPREZ					1	298400	CHILE	273
CAPELLE DESPREZ					1	298401	CHILE	274
ABONDANCE					1	298399	CHILE	275
PONCHEAU					1	297325	CHILE	276
COUICHES					1	297322	CHILE	277
					1	293000	ENGLAND	278
NURSI					1	321702	ENGLAND	279
PURPLESTRAW					5	1915	USSR	280
CARLETON					1	321699	ENGLAND	281
PIRAPREL 735					1	343731	ENGLAND	282

-18-

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E - - - - -										YR. IN	P.I. OR	ENTRY	
										NURSERY	C.I. NO.	-----SOURCE-----	NO.
KOLIBRI										1	343730	ENGLAND	283
										1	315995	FRANCE	284
										1	315991	FRANCE	285
										1	315984	FRANCE	286
										1	84523	USSR	287
										1	290513	HUNGARY	288
AZERBEIDSAN 15, I.1.1614										1	290484	HUNGARY	289
BERKNERS RAUH, I.1.1725										1	290522	HUNGARY	290
LAHOTA										1	320100	KENYA	291
BARRIGON BAGIO										1	320097	KENYA	292
RULOFEN										1	320106	KENYA	293
P WAIKER MONRO										1	320105	KENYA	294
NADADORES										1	320103	KENYA	295
										1	294590	LEBANON	296
JOSS CAMBIER										1	338009	NETHERLANDS	297
TADORNA										1	338011	NETHERLANDS	298
WS-6										1	320130	PORTUGAL	299
PURPLESTRAW										5	1915	USSR	300
RIBERO										1	266901	PORTUGAL	301
										1	268012	PORTUGAL	302
BATISTI										1	269243	PORTUGAL	303
AK MECCA BOOGDAI, PI 31781										1	3121	USSR	304
VALKI EXPERIMENT STATION 450ROE034										1	94472	USSR	305
VALKI EXPERIMENT STATION 230 AOREOMG										1	94442	USSR	306
										1	94335	USSR	307
SAKHALIN 10										1	156662	USSR	308
RED EGYPTIAN, PI 45374										1	6061	SOUTH AFRICA	309
										1	277013	SPAIN	310
										1	277016	SPAIN	311
										1	321967	TURKEY	312
B-968										1	321993	TURKEY	313
ARBASAK										1	264255	TURKEY	314
										1	167870	TURKEY	315
IV (CI 12034) /2/COMANCHE/PAWNEE/3/CONCHO, KS 63326										1	14461	KANSAS	316
CARIBOU										1	RCI 8	MINNESOTA	317
FRONTANA/CHEYENNE(54H1768) /2/LANCER,NB68448										3		NEBRASKA	318
MN II-53-661/WARRIOR (F1)/CHEYENNE/OTTAWA,NE 71204										1		NEBRASKA	319
PURPLESTRAW										5	1915	USSR	320
WARRIOR/2/SELKIRK/*CHEYENNE/NORIN 16/CI 12500/KAW (KS 62136), NE 71209										1		NEBRASKA	321

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E				YR. IN NURSERY	P.I. OR C.I. NO.	-----SOURCE-----	ENTRY NO.
TRAPPER/COMANCHE/OTTAWA (CI 13548), NE 71371				1		NEBRASKA	322
TRAPPER/4/ SEU SEUN/2/CI 12500/3/PAWNEE/ CHEYENNE (NE 58368), NE 71212				1		NEBRASKA	323
TRAPPER/4/SEU SEUN/2/CI 12500/3/PAWNEE/ CHEYENNE (NE 58368), NE 71214				1		NEBRASKA	324
TRAPPER/4/SEU SEUN/2/CI 12500/3/PAWNEE/ CHEYENNE (NE 58368), NE 71327				1		NEBRASKA	325
TRADER/2/COMANCHE/OTTAWA (CI 13548), NE 71326				1		NEBRASKA	326
ATLAS 66/COMANCHE (NE 641466)/3/CHEYENNE/PONCA /2/TURKEY/CHEYENNE (NE 61524), NE 71215				1		NEBRASKA	327
ATLAS 66/COMANCHE (NE 641466)/3/CHEYENNE/PONCA /3/TURKEY/CHEYENNE (NE 61524), NE 71216				1		NEBRASKA	328
TRAPPER/2/WARRIOR/MN III-54-12 (NE 64354), NE 71332				1		NEBRASKA	329
WARRIOR/SCOUT, NE 71226				1		NEBRASKA	330
WARRIOR/SCOUT, NE 71228				1		NEBRASKA	331
WARRIOR/SCOUT, NE 71232				1		NEBRASKA	332
WARRIOR/SCOUT, NE 71233				1		NEBRASKA	333
WARRIOR/SCOUT, NE 71235				1		NEBRASKA	334
WARRIOR/SCOUT, NE 71236				1		NEBRASKA	335
WARRIOR/SCOUT, NE 71237				1		NEBRASKA	336
GUIDE/SCOUTLAND, NE 71244				1		NEBRASKA	337
GUIDE/SCOUTLAND, NE 71245				1		NEBRASKA	338
GUIDE/SCOUTLAND, NE 71247				1		NEBRASKA	339
PURPLESTRAW				5	1915	USSR	340
GUIDE/NE 633104, NE 71248				1		NEBRASKA	341
GUIDE/NE 633104, NE 71249				1		NEBRASKA	342
GUIDE/SCOUTLAND, NE 71357				1		NEBRASKA	343
TRAPPER/2/OTTAWA/CHEYENNE (NE 62310), NE 71345				1		NEBRASKA	344
TRAPPER/2/OTTAWA/CHEYENNE (NE 62310), NE 71376				1		NEBRASKA	345
TRAPPER/2/OTTAWA/CHEYENNE (NE 62310), NE 71281				1		NEBRASKA	346
CHEYENNE/PONCA/2/TURKEY/CHEYENNE (NE 71528) /3/TRAPPER, NE 71353				1		NEBRASKA	347
FELIX/LANCER, NE 71362				1		NEBRASKA	348
BELJTER KOUSKAIA 198/LANCER, NE 71363				1		NEBRASKA	349
BELJTER KOUSKAIA 198/LANCER, NE 71364				1		NEBRASKA	350
TRAPPER/BEZOSTAYA 4, NE 71366				1		NEBRASKA	351
TRAPPER/COMANCHE/OTTAWA, NE 71370				1		NEBRASKA	352
CHEYENNE, NE 71275				1	8885	NEBRASKA	353
GUIDE/*3 SIKOROSPYELKA, NE 71253				1		NEBRASKA	354

-20-

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E - - - - -				YR. IN NURSERY	P.I. OR C.I. NO.	-----SOURCE-----	ENTRY NO.
FERTODI/LANCER SELECTION (NE 641379), NE 71256				1		NEBRASKA	355
FERTODI/LANCER SELECTION (NE 641379), NE 71259				1		NEBRASKA	356
FERTODI/LANCER SELECTION (NE 641379), NE 71261				1		NEBRASKA	357
RUSSIAN INTRODUCTION/2/SELKIRK/2* CHEYENNE (CI 13884), NE 71266				1		NEBRASKA	358
RUSSIAN INTRODUCTION/4/NEBRED/3/CHEYENNE /KENYA/MENTANA, NE 71267				1		NEBRASKA	359
PURPLESTRAW				5	1915	USSR	360
RUSSIAN INTRODUCTION/4/NEBRED/3/CHEYENNE/KENYA /MENTANA, NE 71270				1		NEBRASKA	361
OTTAWA/CHEYENNE (NE 64315) /KAW/SELKIRK/ *2 CHEYENNE, NE 71285				1		NEBRASKA	362
OTTAWA/CHEYENNE (NE 64315) /KAW/SELKIRK/ *2 CHEYENNE, NE 71287				1		NEBRASKA	363
OTTAWA/CHEYENNE (NE 64315) /KAW/SELKIRK/ *2 CHEYENNE, NE 71288				1		NEBRASKA	364
ATLAS 66/COMANCHE (NE 631250) /2/LANCER, NE 71289				1		NEBRASKA	365
ATLAS 66/COMANCHE (NE 631250) /2/LANCER, NE 71291				1		NEBRASKA	366
ATLAS 66/COMANCHE (NE 631250) /2/LANCER, NE 71292				1		NEBRASKA	367
ATLAS 66/COMANCHE (NE 631250) /2/LANCER, NE 71391				1		NEBRASKA	368
ATLAS 66/COMANCHE (NE 631250) /2/LANCER, NE 71293				1		NEBRASKA	369
ATLAS 66/COMANCHE (NE 631250) /2/LANCER, NE 71294				1		NEBRASKA	370
ATLAS 66/COMANCHE (NE 631250) /2/LANCER, NE 71295				1		NEBRASKA	371
ATLAS 66/COMANCHE (NE 631250) /2/LANCER, NE 71393				1		NEBRASKA	372
WARRIOR/2/ATLAS 66/COMANCHE (F1) /LANCER, NE 71394				1		NEBRASKA	373
WARRIOR/2/ATLAS 66/COMANCHE (F1) /LANCER, NE 71396				1		NEBRASKA	374
MCMURACHY/EXCHANGE/REDMAN/3/2*HOPE/TURKEY/ CHEYENNE (NE 61919, CI 14935) /4/LANCER, NE 71403				1		NEBRASKA	375
MIDA/KENYA 117A/2/2* HOPE/*2 TURKEY/?/NEBRED/3/ CHEYENNE/KENYA/MENTANA (F1) /?/(NE 61528) CHEYENNE/PONCA/2/TURKEY/CHEYENNE, NE 71410				1		NEBRASKA	376
MIDA/KENYA 117A/2/2* HOPE/*2 TURKEY/?/NEBRED/3/ CHEYENNE/KENYA/MENTANA (F1) /?/(NE 61528) CHEYENNE/PONCA/2/TURKEY/CHEYENNE, NE 71303				1		NEBRASKA	377
CHEYENNE/PONCA/2/TURKEY/CHEYENNE (NE 61516) /3/ SCOUT, NE 71408				1		NEBRASKA	378
CHEYENNE/PONCA/2/TURKEY/CHEYENNE (NE 61516) /3/ SCOUT, NE 71409				1		NEBRASKA	379
PURPLESTRAW				5	1915	USSR	380
CHEYENNE/PONCA/2/TURKEY/CHEYENNE (NE 61516) /3/ SCOUT, NE 71301				1		NEBRASKA	381

-21-

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E - - - - -				YR. IN NURSERY	P.I. OR C.I. NO.	-----SOURCE-----	ENTRY NO.
WARRIOR/2/ATLAS 66/COMANCHE (F1)/LANCER (F1)/							
GAGE/CI 12995 (F1), NE 71412				1		NEBRASKA	382
CHEYENNE *2/2/KENYA/MENTANA (NE 61608)/3/							
WARRIOR SELECTION, NE 71416				1		NEBRASKA	383
LANCER SELECTION (MCVEY), NE 61687				1		NEBRASKA	384
DAKOLD				1	RCI 10	NORTH DAKOTA	385
WABAN 2				2	14018	INDIANA	386
PRESKA				4	14153	OKLAHOMA	387
TRIUMPH 64/5/WICHITA/4/WICHITA/3/TRITICUM SPECIES							
/AGROPYRON ELONGATUM/2/PAWNEE, F1 X-RAY,							
OK 66C3190				1		OKLAHOMA	388
TRIUMPH 64/5/WICHITA/4/WICHITA/3/TRITICUM SPECIES							
/AGROPYRON ELONGATUM/2/PAWNEE, F1 X-RAY,							
OK 66C111				1		OKLAHOMA	389
WABAN SELECTION, OK 65R5762				1		OKLAHOMA	390
WICHITA*5/TRANSFER				1	13583	OKLAHOMA	391
WABASH/AMERICAN BANNER/2/ANIVERSARIO				1	13227	OKLAHOMA	392
ANIVERSARIO/3* PONCA, OK 64R5648				1		OKLAHOMA	393
MARQUILLO/ORO/2/PAWNEE/3/FRONTANA, OK 61R8538				1		OKLAHOMA	394
FRONTANA/3/MEDITERRANEAN/HOPE/2/PAWNEE, OK 58R7801				1		OKLAHOMA	395
RIO NEGRO/COMANCHE, OK 60R7923				1		OKLAHOMA	396
CHINOFUZ, OK 65R5735				1		OKLAHOMA	397
KAWFARS, OK 68R7157				1		OKLAHOMA	398
REDCOAT				1	13170	INDIANA	399
PURPLESTRAW				5	1915	USSR	400
KNOX/DULAR/7/3* KNOX/6/KAWVALE/2/FULTZ/HUNGARIAN							
/3/WISCONSIN SELECTION 38/WABASH/2/FAIRFIELD/4/							
3* TRUMBULL/2/HOPE/HUSSAR/5/KNOX/4/FAIRFIELD							
/3/PI 94587/2/2* FULTZ/HUNGARIAN, OK 69R7720				1		OKLAHOMA	401
DUBRAVA				1		YUGOSLAVIA	402
BUCK TANDIL SELECTION, OK 65R5774				1		OKLAHOMA	403
WANKEN/COMANCHE, OK 65R5772				1		OKLAHOMA	404
WANKEN 2 SELECTION, OK 70R7437				1		OKLAHOMA	405
WANKEN/RED CHIEF, OK 70R7211				1		OKLAHOMA	406
TIMSTEIN/HENRY/2/PAWNEE, OK 64R5781				1		OKLAHOMA	407
TIMSTEIN/HENRY/2/PAWNEE, OK 70R7453				1		OKLAHOMA	408
TIMSTEIN/HENRY/2/PAWNEE, OK 70R7466				1		OKLAHOMA	409
KANRED/TIMSTEIN, OK 70R7262				1		OKLAHOMA	410
PIERRE				1	RCI 25	SOUTH DAKOTA	411
BOWIE/CONCHO/2/QUANAH, TX 59D1147				1		TEXAS	412
TRITICUM SPELTA/COASTAL/2/3* OMAR, WA 71 17479				1		WASHINGTON	413

-22-

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E - - - - -				YR. IN NURSERY	P.I. OR C.I. NO.	-----SOURCE-----	ENTRY NO.
SELECTION 2629-14/3* OMAR, WA 71 17492				1		WASHINGTON	414
OTTAWA/RENACIMIENTO/2/3* OMAR, WA 71 17497				1		WASHINGTON	415
OTTAWA/RENACIMIENTO/2/3* OMAR, WA 71 17499				1		WASHINGTON	416
MINISTER/2* OMAR, WA 71 17505				1		WASHINGTON	417
VIKING/2* OMAR, WA 71 17509				1		WASHINGTON	418
VIKING/2* OMAR, WA 71 17509				1		WASHINGTON	419
PURPLESTRAW				5	1915	USSR	420
BREVOR/3* OMAR				1		WASHINGTON	421
MINISTRE/3* OMAR, WA 71 17516				1		WASHINGTON	422
MINISTRE/3* OMAR, WA 71 17517				1		WASHINGTON	423
VIKING/2* OMAR, WA 71 17521				1		WASHINGTON	424
VIKING (MACER)/2* OMAR, WA 71 17526				1		WASHINGTON	425
BATAILLE/2* OMAR, WA 71 17532				1		WASHINGTON	426
CI 13431/CI 7805/2/CI 13417/3/3* OMAR, WA 71 17533				1		WASHINGTON	427
CI 13431/CI 7805/2/CI 13417/3/3* OMAR, WA 71 17543				1		WASHINGTON	428
ALBA/3* OMAR, WA 71 17545				1		WASHINGTON	429
ALBA/3* OMAR, WA 71 17546				1		WASHINGTON	430
CHINESE/AGROPYRON ELONGATUM/PAWNEE/2/3* OMAR, WA 71 17547				1		WASHINGTON	431
CHINESE/AGROPYRON ELONGATUM/PAWNEE/2/3* OMAR, WA 71 17550				1		WASHINGTON	432
BREVOR/4* OMAR, WA 71 17599				1		WASHINGTON	433
BREVOR/4* OMAR, WA 71 17560				1		WASHINGTON	434
SELECTION 2629-14/4* OMAR, WA 71 17566				1		WASHINGTON	435
HEINE'S VII/2* OMAR, WA 71 17596				1		WASHINGTON	436
HEINE'S VII/2* OMAR, WA 71 17597				1		WASHINGTON	437
IBIS/2* OMAR, WA 71 17602				1		WASHINGTON	438
IBIS/2* OMAR, WA 71 17605				1		WASHINGTON	439
PURPLESTRAW				5	1915	USSR	440
CLEO/2* OMAR, WA 71 17612				1		WASHINGTON	441
CLEO/2* OMAR, WA 71 17615				1		WASHINGTON	442
REICHERSBERG 42/2* OMAR, WA 71 17619				1		WASHINGTON	443
REICHERSBERG 42/2* OMAR, WA 71 17629				1		WASHINGTON	444
LEDA/2* OMAR, WA 71 17637				1		WASHINGTON	445
LEDA/2* OMAR, WA 71 17643				1		WASHINGTON	446
FALCO/2* OMAR, WA 71 17649				1		WASHINGTON	447
STELLA/2* OMAR, WA 71 17650				1		WASHINGTON	448
STELLA/2* OMAR, WA 71 17651				1		WASHINGTON	449
FLAMINGO/2* OMAR, WA 71 17657				1		WASHINGTON	450
FLAMINGO/2* OMAR, WA 71 17658				1		WASHINGTON	451
RIEBESEL/2* BURT, WA 71 17676				1		WASHINGTON	452

- 23 -

INTERNATIONAL WINTER WHEAT RUST NURSERY - 1972

P E D I G R E E	YR. IN NURSERY	P.I. OR C.I. NO.	SOURCE	ENTRY NO.
RIEBESEL/2* BURT, WA 71 17678	1		WASHINGTON	453
HEINES VII/2* BURT, WA 71 17680	1		WASHINGTON	454
HEINES VII/2* BURT, WA 71 17682	1		WASHINGTON	455
DIPPES IMPERATOR/2* BURT, WA 71 17687	1		WASHINGTON	456
DIPPES IMPERATOR/2* BURT, WA 71 17688	1		WASHINGTON	457
RIEBESEL/2* BURT, WA 71 17697	1		WASHINGTON	458
CLEO/2* BURT, WA 71 17701	1		WASHINGTON	459
PURPLESTRAW	5	1915	USSR	460
CLEO/2* BURT, WA 71 17703	1		WASHINGTON	461
LEDA/2* BURT, WA 71 17710	1		WASHINGTON	462
LEDA/2* BURT, WA 71 17713	1		WASHINGTON	463
REICHERSBERG 42/2* BURT, WA 71 17718	1		WASHINGTON	464
REICHERSBERG 42/2* BURT, WA 71 17719	1		WASHINGTON	465
REICHERSBERG 42/2* BURT, WA 71 17729	1		WASHINGTON	466
STELLA/2* BURT, WA 71 17734	1		WASHINGTON	467
STELLA/2* BURT, WA 71 17736	1		WASHINGTON	468
FALCO/2* BURT, WA 71 17740	1		WASHINGTON	469
FALCO/2* BURT, WA 71 17744	1		WASHINGTON	470
IBIS/2* BURT, WA 71 17747	1		WASHINGTON	471
IBIS/2* BURT, WA 71 17754	1		WASHINGTON	472
IBIS/2* OMAR, WA 71 17759	1		WASHINGTON	473
IBIS/2* OMAR, WA 71 17762	1		WASHINGTON	474
ZAGREB 4812-65	1	317693	YUGOSLAVIA	475
ZAGREB 3815-65	1	317692	YUGOSLAVIA	476
ZAGREB 3805-65	1	317691	YUGOSLAVIA	477
NS-32	1		YUGOSLAVIA	478
NS-611	1		YUGOSLAVIA	479
PURPLESTRAW	5	1915	USSR	480
BACKA	1		YUGOSLAVIA	481
DUNAV	1		YUGOSLAVIA	482
PANONIJA	1		YUGOSLAVIA	483
OTTERBAKER	1	RCI 23	NORTH DAKOTA	484
IJZERVARK	1	5061	SOUTH AFRICA	485
	1	283822	AFGHANISTAN	486
RELIEF/RIDIT	1	11908	UTAH	487
	1	94335	USSR	488
OMAR MUTANT 448-A	5	14197	WASHINGTON	489
PURPLESTRAW	5	1915	USSR	490

-24-

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO STEM RUST
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0293	1.0	0367	9.8	0043	13.7	0108	15.9	0117	18.4	0151	20.9	0130	25.2	0077	30.6
0211	2.9	0158	10.5	0004	13.8	0202	16.0	0291	18.4	0313	21.1	0219	25.3	0056	30.7
0203	2.9	0145	10.5	0477	13.8	0206	16.2	0026	18.5	0034	21.1	0397	25.3	0014	30.7
0137	3.4	0143	10.6	0217	14.1	0008	16.2	0166	18.6	0088	21.2	0027	25.4	0214	30.9
0124	3.6	0147	10.6	0329	14.1	0345	16.2	0221	18.6	0350	21.2	0337	25.6	0176	31.0
0115	4.0	0189	10.8	0195	14.1	0278	16.2	0344	18.6	0394	21.3	0334	26.0	0296	31.3
0068	4.6	0030	10.8	0366	14.2	0161	16.3	0049	18.7	0332	21.4	0312	26.0	0285	31.5
0069	4.9	0098	10.8	0184	14.2	0083	16.3	0039	18.7	0353	21.5	0139	26.2	0093	31.5
0365	5.5	0294	10.8	0185	14.2	0368	16.3	0057	18.8	0082	21.7	0084	26.3	0078	31.6
0048	5.6	0063	11.1	0106	14.3	0372	16.4	0003	18.8	0199	21.7	0149	26.3	0299	32.1
0002	5.6	0212	11.1	0389	14.6	0204	16.5	0387	18.9	0374	21.8	0333	26.5	0006	32.4
0062	5.7	0342	11.1	0210	14.6	0101	16.5	0073	19.0	0051	21.9	0357	26.7	0012	32.4
0156	6.3	0341	11.2	0042	14.6	0205	16.6	0074	19.1	0226	21.9	0190	26.8	0309	32.5
0028	6.5	0052	11.2	0167	14.6	0041	16.6	0170	19.1	0377	21.9	0079	27.0	0325	32.6
0164	7.0	0125	11.3	0109	14.7	0171	16.6	0222	19.2	0119	21.9	0233	27.1	0023	32.8
0070	7.4	0242	11.5	0157	14.7	0066	16.7	0086	19.3	0431	22.0	0178	27.1	0443	33.2
0183	7.5	0107	11.5	0371	14.8	0316	16.8	0209	19.3	0432	22.0	0135	27.3	0475	33.5
0370	7.7	0213	11.6	0103	14.9	0129	16.8	0197	19.4	0110	22.2	0347	27.6	0261	34.0
0230	7.7	0061	12.1	0141	14.9	0484	16.8	0102	19.4	0127	22.3	0306	27.8	0378	34.1
0163	7.9	0179	12.1	0282	14.9	0349	16.8	0025	19.5	0118	22.6	0338	28.0	0354	34.1
0085	8.4	0187	12.1	0136	14.9	0404	17.1	0410	19.6	0099	22.6	0363	28.1	0017	34.4
0116	8.5	0067	12.2	0134	15.0	0162	17.1	0148	19.8	0311	22.7	0123	28.3	0310	34.7
0159	8.5	0133	12.3	0076	15.0	0009	17.3	0352	19.8	0175	22.8	0279	28.3	0321	34.9
0144	8.6	0154	12.4	0241	15.1	0476	17.3	0196	19.8	0105	22.9	0322	28.4	0265	35.2
0053	8.6	0007	12.4	0207	15.1	0096	17.3	0408	19.9	0308	23.1	0318	28.5	0409	35.3
0047	8.8	0165	12.4	0388	15.2	0050	17.6	0239	19.9	0114	23.6	0319	28.6	0379	35.5
0295	8.9	0192	12.5	0081	15.2	0330	17.6	0059	20.0	0356	23.6	0031	28.6	0264	35.5
0121	8.9	0194	12.6	0152	15.4	0385	17.7	0186	20.0	0292	24.1	0181	28.7	0228	35.7
0177	9.0	0122	12.7	0055	15.5	0038	17.8	0224	20.1	0343	24.5	0362	29.2	0393	35.8
0075	9.2	0216	12.7	0172	15.5	0033	17.8	0376	20.2	0326	24.6	0399	29.3	0339	35.8
0104	9.2	0201	12.8	0327	15.6	0355	17.8	0346	20.2	0153	24.6	0022	29.3	0486	36.0
0155	9.2	0044	12.9	0218	15.6	0132	17.8	0182	20.2	0398	24.7	0065	29.5	0266	36.0
0403	9.3	0174	13.2	0215	15.8	0097	17.9	0138	20.2	0208	24.7	0286	29.5	0131	36.4
0112	9.4	0146	13.2	0054	15.8	0328	17.9	0348	20.4	0335	24.8	0405	29.9	0092	36.5
0046	9.4	0142	13.2	0369	15.8	0411	18.0	0021	20.5	0126	24.8	0191	30.0	0315	36.6
0111	9.5	0173	13.3	0223	15.8	0188	18.0	0193	20.5	0364	24.8	0351	30.2	0324	36.6
0382	9.5	0113	13.3	0225	15.8	0375	18.1	0384	20.5	0396	25.0	0198	30.3	0391	37.0
0307	9.7	0045	13.4	0168	15.8	0087	18.1	0331	20.8	0281	25.0	0314	30.4	0064	37.1
0395	9.7	0128	13.5	0037	15.9	0072	18.4	0094	20.8	0150	25.1	0231	30.5	0019	37.2
0229	9.8	0010	13.6	0317	15.9	0373	18.4	0169	20.8	0058	25.2	0336	30.5	0288	37.2

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO STEM RUST
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0024	37.4	0406	44.0	0386	50.8	0422	57.1	0340	66.4
0013	37.4	0361	44.0	0482	50.8	0466	57.2	0419	66.7
0016	37.6	0287	44.2	0462	51.0	0470	57.3	0300	67.6
0257	37.7	0407	44.6	0227	51.1	0036	57.6	0380	67.7
0091	38.0	0252	44.8	0071	51.2	0468	57.8	0420	67.8
0412	38.1	0487	44.8	0447	51.3	0423	58.2	0260	68.7
0323	38.2	0244	45.0	0269	51.3	0441	58.2	0160	69.8
0274	38.2	0090	45.0	0428	51.5	0456	58.3	0180	71.1
0277	38.3	0029	45.6	0436	51.7	0418	58.9	0460	71.4
0301	38.4	0250	46.0	0478	51.8	0457	59.0	0440	75.3
0358	38.5	0245	46.0	0452	51.8	0489	59.3		
0284	38.7	0247	46.2	0001	52.0	0488	59.8		
0251	38.9	0005	46.2	0450	52.0	0435	59.8		
0401	39.0	0249	46.3	0474	52.2	0235	60.1		
0015	39.0	0258	46.4	0451	52.6	0439	60.4		
0402	39.4	0232	46.5	0446	52.8	0020	60.7		
0032	39.6	0275	46.6	0430	53.1	0427	61.1		
0272	39.8	0248	46.8	0444	53.1	0304	61.1		
0485	40.4	0234	47.3	0433	53.2	0243	61.2		
0276	40.8	0095	47.4	0483	53.4	0140	61.4		
0290	41.1	0259	47.8	0437	54.0	0035	61.5		
0392	41.4	0469	47.9	0458	54.0	0298	61.6		
0236	41.5	0253	48.0	0417	54.2	0302	61.8		
0414	41.7	0254	48.1	0237	54.2	0040	62.3		
0262	42.0	0246	48.2	0454	54.2	0490	62.4		
0381	42.2	0455	48.4	0425	54.2	0303	62.6		
0359	42.2	0289	48.4	0445	54.8	0220	63.0		
0383	42.4	0011	48.5	0421	55.0	0360	63.2		
0415	42.4	0089	48.5	0271	55.0	0424	63.2		
0270	43.1	0481	48.6	0283	55.2	0480	63.4		
0268	43.1	0453	48.8	0297	55.3	0100	63.4		
0255	43.4	0472	49.0	0459	55.4	0467	64.0		
0238	43.5	0448	49.4	0455	55.4	0280	64.0		
0390	43.5	0273	49.5	0434	55.6	0060	64.2		
0256	43.6	0267	49.6	0413	56.1	0200	64.5		
0263	43.6	0426	49.7	0438	56.2	0080	64.7		
0479	43.6	0464	50.0	0305	56.9	0240	64.8		
0471	43.7	0449	50.0	0429	57.0	0320	65.0		
0416	43.8	0473	50.4	0463	57.0	0120	65.0		
0018	44.0	0461	50.7	0442	57.0	0400	65.9		

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO LEAF RUST
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0137	0.3	0152	5.0	0179	9.6	0410	13.8	0242	16.9	0101	21.1	0353	25.2	0213	29.7
0146	1.1	0395	5.1	0195	10.0	0218	13.9	0039	16.9	0058	21.1	0321	25.2	0314	30.1
0046	1.3	0151	5.1	0122	10.1	0196	14.0	0108	16.9	0197	21.3	0328	25.3	0349	30.2
0075	1.4	0003	5.2	0405	10.2	0175	14.0	0369	17.0	0232	21.4	0350	25.5	0082	30.5
0041	1.7	0171	5.2	0056	10.3	0192	14.0	0214	17.0	0167	21.5	0148	25.5	0342	30.5
0025	1.7	0296	5.3	0230	10.4	0355	14.0	0225	17.1	0154	21.5	0264	25.5	0190	30.5
0048	1.8	0031	5.3	0181	10.6	0123	14.0	0293	17.2	0233	21.9	0084	25.5	0089	30.5
0043	1.8	0172	5.3	0226	10.8	0038	14.1	0370	17.4	0393	22.0	0268	25.5	0133	30.5
0228	1.8	0002	5.3	0177	10.8	0406	14.1	0191	17.5	0116	22.0	0189	25.7	0135	30.6
0070	1.9	0086	5.5	0401	10.9	0223	14.1	0219	17.8	0110	22.3	0283	25.8	0330	30.7
0069	1.9	0265	5.6	0194	10.9	0155	14.2	0126	17.9	0215	22.4	0063	25.9	0138	30.8
0068	2.0	0129	5.9	0238	11.1	0176	14.3	0057	18.4	0074	22.5	0090	25.9	0150	30.8
0143	2.0	0134	6.0	0199	11.1	0193	14.4	0292	18.5	0271	22.5	0161	26.0	0356	30.8
0403	2.0	0368	6.1	0208	11.3	0322	14.6	0174	18.5	0008	22.5	0009	26.1	0363	30.9
0042	2.1	0034	6.1	0212	11.4	0216	14.8	0318	18.6	0384	22.9	0207	26.5	0272	31.0
0028	2.1	0182	6.5	0239	11.4	0352	14.9	0149	18.7	0078	23.0	0478	26.6	0112	31.1
0145	2.1	0178	6.9	0050	11.6	0169	15.2	0224	18.8	0476	23.1	0325	26.6	0115	31.2
0045	2.2	0032	6.9	0231	11.6	0390	15.2	0388	18.9	0159	23.2	0432	26.8	0411	31.3
0044	2.3	0131	7.0	0124	11.8	0006	15.2	0187	19.0	0344	23.2	0275	26.9	0298	31.6
0076	2.4	0052	7.1	0119	11.9	0217	15.2	0079	19.0	0186	23.2	0262	27.0	0099	32.1
0295	2.6	0010	7.4	0316	11.9	0307	15.3	0392	19.0	0005	23.2	0409	27.0	0185	32.5
0033	2.7	0184	7.4	0157	12.0	0066	15.3	0183	19.2	0147	23.4	0407	27.2	0317	32.6
0047	2.7	0396	7.5	0128	12.2	0404	15.5	0381	19.4	0055	23.5	0102	27.2	0346	32.7
0030	2.7	0029	7.6	0163	12.3	0173	15.5	0059	19.4	0475	23.5	0139	27.3	0357	32.8
0156	3.0	0391	7.7	0202	12.4	0209	15.6	0386	19.5	0347	23.6	0319	27.5	0027	32.9
0367	3.2	0306	7.8	0358	12.5	0303	15.7	0144	19.5	0266	23.6	0291	27.7	0250	33.5
0229	3.5	0241	7.9	0399	12.6	0162	16.0	0158	19.5	0341	23.7	0273	27.7	0332	33.5
0142	3.8	0282	8.0	0004	12.8	0073	16.0	0121	19.6	0205	23.8	0345	27.9	0484	33.7
0016	4.0	0013	8.2	0136	12.8	0094	16.1	0301	19.6	0170	23.9	0481	28.0	0336	33.7
0125	4.0	0164	8.4	0067	12.9	0279	16.1	0026	19.7	0201	24.1	0107	28.0	0093	33.7
0371	4.3	0373	8.5	0382	13.1	0286	16.2	0037	19.8	0130	24.2	0348	28.3	0431	34.0
0308	4.3	0281	8.5	0023	13.2	0366	16.3	0402	20.0	0276	24.2	0294	28.4	0335	34.1
0398	4.4	0007	8.7	0387	13.2	0329	16.3	0394	20.0	0062	24.3	0053	28.6	0359	34.1
0211	4.6	0372	8.7	0127	13.3	0072	16.4	0061	20.0	0479	24.4	0248	28.9	0165	34.5
0203	4.7	0374	8.8	0376	13.3	0051	16.5	0412	20.1	0111	24.4	0378	28.9	0106	34.6
0054	4.9	0375	9.0	0290	13.4	0377	16.6	0141	20.3	0117	24.6	0245	28.9	0343	34.7
0085	4.9	0168	9.0	0227	13.5	0302	16.6	0274	20.4	0083	24.7	0389	29.1	0251	35.0
0049	4.9	0210	9.2	0408	13.5	0285	16.7	0012	20.7	0277	24.8	0284	29.1	0204	35.0
0397	5.0	0261	9.3	0188	13.6	0118	16.8	0299	21.0	0077	24.9	0354	29.2	0339	35.1
0365	5.0	0087	9.3	0477	13.8	0022	16.9	0327	21.0	0364	24.9	0379	29.3	0312	35.2

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO LEAF RUST
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0324	35.2	0258	42.7	0448	48.6	0480	55.3	0463	61.6
0071	35.3	0483	42.9	0442	48.6	0459	55.3	0305	62.0
0221	35.7	0362	43.0	0018	48.7	0490	55.3	0304	62.1
0091	35.9	0297	43.1	0361	48.9	0471	55.4	0280	62.2
0166	36.0	0436	43.2	0105	49.2	0320	55.5	0440	62.3
0098	36.4	0255	43.2	0081	49.6	0180	55.8	0240	64.3
0247	37.0	0256	43.3	0035	49.7	0100	55.9	0421	65.0
0249	37.3	0438	43.3	0489	49.8	0036	56.1	0236	65.2
0334	37.4	0323	43.4	0430	50.1	0486	56.3	0462	65.6
0153	37.4	0198	43.5	0309	50.2	0253	56.7	0315	67.2
0270	37.7	0457	43.7	0470	50.4	0360	56.7		
0482	37.8	0259	43.8	0246	50.4	0243	57.2		
0021	37.8	0416	44.0	0427	50.5	0415	57.3		
0092	38.0	0447	44.2	0456	50.6	0466	57.3		
0103	38.0	0444	44.3	0445	50.6	0465	57.4		
0254	38.1	0088	44.8	0097	51.0	0269	57.5		
0132	38.1	0487	45.2	0413	51.0	0423	57.6		
0311	38.1	0468	45.2	0429	51.0	0422	57.6		
0001	38.3	0451	45.7	0288	51.2	0060	57.7		
0333	38.4	0454	45.8	0234	51.5	0380	58.3		
0206	38.5	0237	45.8	0435	51.6	0469	58.4		
0385	38.6	0400	45.9	0014	51.7	0424	59.0		
0113	38.9	0278	46.0	0015	51.8	0120	59.1		
0222	39.0	0109	46.2	0488	51.9	0472	59.3		
0287	39.0	0064	46.2	0020	52.2	0420	59.4		
0326	39.0	0220	46.3	0263	52.2	0417	59.4		
0331	39.2	0426	46.8	0473	52.4	0428	59.5		
0338	39.7	0024	47.2	0160	53.0	0460	59.6		
0017	40.2	0437	47.3	0455	53.0	0433	59.6		
0289	40.6	0095	47.5	0439	53.1	0080	60.3		
0310	40.8	0464	47.6	0453	53.3	0200	60.3		
0065	40.9	0267	47.7	0450	53.3	0418	60.5		
0019	41.0	0383	47.8	0441	53.5	0340	60.5		
0257	41.0	0443	47.9	0040	53.6	0425	60.6		
0446	41.1	0452	48.0	0114	53.6	0434	60.7		
0096	41.2	0313	48.1	0104	54.5	0300	60.8		
0337	41.9	0474	48.2	0449	54.6	0419	60.9		
0011	42.2	0244	48.3	0414	55.0	0260	61.1		
0351	42.3	0467	48.6	0461	55.1	0485	61.2		
0458	42.6	0252	48.6	0140	55.3	0235	61.4		

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO STRIPE RUST
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0297	0.8	0085	6.3	0087	10.2	0286	12.7	0469	14.9	0083	18.6	0197	22.6	0127	27.1
0021	1.0	0450	6.5	0247	10.3	0396	12.7	0430	15.0	0357	18.7	0481	22.6	0098	27.2
0411	1.0	0483	6.7	0184	10.4	0475	12.8	0026	15.0	0175	18.8	0290	22.7	0147	27.2
0278	1.2	0259	6.8	0248	10.4	0419	12.9	0062	15.3	0196	18.8	0059	22.7	0108	27.3
0295	1.2	0092	6.9	0255	10.6	0397	12.9	0405	15.4	0367	18.8	0178	23.2	0250	27.5
0283	1.2	0256	6.9	0335	10.6	0418	12.9	0393	15.4	0210	19.0	0107	23.4	0104	27.7
0472	1.6	0374	7.1	0338	10.9	0438	13.0	0095	15.4	0402	19.0	0143	23.4	0136	27.7
0277	1.9	0252	7.1	0298	10.9	0451	13.0	0052	15.5	0134	19.1	0124	23.4	0106	28.0
0285	2.2	0464	7.1	0455	10.9	0213	13.1	0164	15.6	0253	19.1	0044	23.8	0281	28.0
0432	2.2	0078	7.4	0314	11.0	0343	13.1	0206	15.6	0249	19.3	0395	24.0	0149	28.1
0284	2.4	0159	7.6	0054	11.1	0212	13.2	0242	15.8	0345	19.3	0188	24.1	0128	28.1
0173	2.6	0426	7.7	0457	11.1	0168	13.2	0221	15.8	0375	19.4	0441	24.3	0222	28.1
0465	2.9	0069	8.0	0459	11.1	0318	13.3	0046	15.9	0364	19.5	0468	24.5	0191	28.2
0416	3.4	0274	8.2	0341	11.2	0452	13.3	0130	16.0	0265	19.7	0176	24.6	0133	28.2
0473	3.4	0462	8.4	0152	11.2	0327	13.4	0204	16.0	0477	19.8	0009	24.7	0486	28.3
0478	3.4	0384	8.5	0296	11.3	0192	13.5	0174	16.0	0246	20.0	0433	24.9	0329	28.6
0415	3.4	0362	8.6	0162	11.4	0339	13.6	0268	16.1	0287	20.1	0115	24.9	0435	28.7
0414	3.5	0446	8.6	0289	11.4	0332	13.7	0056	16.1	0437	20.2	0103	25.0	0406	28.8
0413	3.8	0443	8.6	0348	11.4	0352	13.8	0488	16.2	0091	20.2	0239	25.1	0195	29.0
0474	3.9	0466	8.6	0313	11.5	0275	13.8	0183	16.2	0401	20.2	0119	25.3	0202	29.1
0237	3.9	0463	8.7	0110	11.5	0379	13.8	0244	16.2	0075	20.2	0470	25.3	0231	29.3
0276	4.0	0068	8.7	0137	11.6	0377	13.9	0456	16.3	0122	20.2	0351	25.4	0421	29.3
0308	4.0	0258	8.8	0061	11.7	0282	13.9	0013	16.6	0179	20.2	0165	25.4	0294	29.4
0431	4.0	0417	8.9	0048	11.7	0399	14.0	0301	16.8	0131	20.2	0144	25.4	0141	29.6
0385	4.2	0454	8.9	0398	11.7	0187	14.0	0094	17.0	0337	20.3	0232	25.5	0448	29.6
0484	4.3	0428	8.9	0070	11.8	0203	14.0	0444	17.0	0077	20.6	0316	25.5	0241	29.9
0427	4.8	0349	9.0	0102	11.9	0390	14.2	0090	17.0	0216	20.6	0118	25.6	0146	30.8
0245	4.8	0347	9.2	0422	11.9	0376	14.2	0084	17.0	0177	20.7	0145	25.7	0053	30.8
0373	4.9	0356	9.2	0333	11.9	0101	14.2	0388	17.0	0214	20.9	0043	25.8	0449	31.2
0350	4.9	0261	9.4	0303	11.9	0189	14.2	0310	17.1	0151	21.0	0324	25.8	0228	31.3
0266	4.9	0429	9.4	0273	12.0	0302	14.4	0363	17.4	0022	21.0	0386	26.0	0218	31.6
0272	5.0	0154	9.5	0034	12.2	0047	14.4	0005	17.5	0330	21.4	0198	26.2	0032	31.8
0088	5.1	0476	9.6	0112	12.2	0058	14.4	0182	17.5	0172	21.5	0325	26.2	0372	31.9
0111	5.1	0171	9.7	0158	12.2	0479	14.6	0163	17.6	0447	21.6	0383	26.2	0291	32.0
0425	5.1	0079	9.9	0344	12.3	0436	14.6	0135	17.7	0445	21.6	0321	26.4	0312	32.1
0264	5.4	0458	9.9	0482	12.3	0262	14.6	0461	17.8	0311	21.7	0169	26.5	0270	32.1
0205	5.5	0334	10.0	0453	12.4	0161	14.7	0008	17.8	0063	22.0	0121	26.5	0181	32.2
0317	5.5	0257	10.1	0439	12.5	0156	14.8	0211	18.1	0254	22.3	0045	26.6	0023	32.5
0471	5.6	0328	10.1	0423	12.6	0378	14.9	0355	18.2	0057	22.3	0381	26.9	0410	32.7
0238	6.3	0129	10.1	0342	12.6	0346	14.9	0442	18.2	0288	22.4	0331	27.0	0217	32.7

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO STRIPE RUST
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0382	32.8	0368	40.3	0185	50.3	0020	60.6	0460	70.7
0116	33.0	0309	40.5	0113	50.3	0361	61.0	0011	70.7
0027	33.1	0049	40.5	0006	50.4	0440	61.8	0014	70.8
0279	33.4	0353	40.8	0223	50.7	0380	62.0	0490	72.0
0155	33.6	0263	40.8	0029	51.2	0420	62.1	0240	73.4
0236	33.8	0207	41.5	0064	51.8	0306	62.3	0019	74.0
0215	34.1	0407	41.5	0002	51.9	0480	63.1	0018	75.2
0125	34.1	0487	41.7	0041	52.0	0199	63.4	0394	78.5
0076	34.3	0193	41.8	0194	52.2	0320	63.5	0138	86.2
0225	34.6	0267	42.2	0280	52.2	0359	63.7	0304	87.0
0224	34.8	0409	42.7	0166	52.2	0160	64.4		
0201	35.2	0319	42.8	0073	52.4	0260	64.7		
0033	35.2	0024	43.0	0243	52.6	0037	64.7		
0071	35.4	0408	43.3	0209	53.0	0105	64.8		
0139	35.9	0004	43.4	0066	53.0	0234	65.0		
0403	35.9	0186	43.7	0114	53.1	0074	65.1		
0089	36.0	0003	44.0	0028	53.3	0093	65.4		
0271	36.1	0132	44.1	0190	53.5	0039	65.7		
0229	36.1	0226	44.2	0404	53.6	0300	65.8		
0142	36.2	0055	44.3	0307	53.6	0015	65.8		
0293	36.6	0299	44.4	0389	53.8	0001	66.2		
0434	36.6	0392	44.7	0412	54.0	0035	66.3		
0157	36.6	0371	45.0	0150	54.1	0180	66.5		
0467	36.6	0315	45.0	0067	54.3	0120	66.8		
0336	36.7	0323	45.2	0082	54.5	0200	67.2		
0086	36.7	0233	45.4	0072	55.8	0038	67.3		
0370	37.1	0366	45.8	0292	56.2	0220	67.4		
0387	37.6	0109	46.3	0096	57.0	0060	67.4		
0424	37.9	0126	47.1	0208	57.4	0485	67.5		
0369	38.2	0227	47.3	0167	58.1	0030	67.8		
0012	38.7	0050	47.6	0031	58.2	0305	68.0		
0358	38.8	0051	47.7	0354	58.6	0391	68.5		
0269	38.8	0010	48.1	0100	58.6	0080	68.5		
0170	38.8	0322	48.6	0123	59.0	0360	68.7		
0117	38.9	0007	49.0	0230	59.6	0340	69.3		
0042	39.2	0365	49.1	0153	59.7	0235	69.5		
0219	39.2	0251	49.2	0326	59.8	0140	69.6		
0065	39.4	0489	49.4	0017	60.0	0040	69.7		
0148	39.7	0099	49.5	0097	60.4	0016	69.7		
0025	40.3	0036	50.1	0081	60.5	0400	69.8		

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO POWDERY MILDEW
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0484	0.0	0057	12.4	0163	17.2	0188	21.0	0415	24.6	0183	29.2	0273	33.0	0011	37.0
0293	0.2	0054	12.4	0068	17.2	0150	21.0	0022	25.0	0460	29.2	0231	33.0	0115	37.0
0283	1.0	0176	13.0	0166	17.2	0368	21.2	0087	25.0	0090	29.2	0260	33.0	0240	37.0
0076	1.0	0047	13.0	0382	17.4	0318	21.2	0239	25.0	0271	30.0	0143	33.2	0280	37.0
0397	1.0	0048	13.0	0113	17.4	0366	21.2	0173	25.0	0261	30.0	0103	33.2	0383	37.2
0398	2.2	0175	13.0	0276	17.6	0217	21.2	0070	25.2	0298	30.0	0354	34.0	0185	37.2
0349	2.2	0187	13.2	0181	17.6	0285	21.4	0402	26.0	0253	30.0	0008	34.0	0120	37.2
0350	2.4	0365	13.2	0135	18.0	0311	21.6	0032	26.0	0220	30.0	0380	34.0	0316	38.0
0281	3.0	0125	13.2	0210	18.0	0335	22.0	0182	26.0	0151	30.2	0420	34.0	0450	38.0
0112	3.4	0161	13.2	0226	18.0	0203	22.0	0275	26.0	0466	30.2	0004	34.0	0310	38.0
0156	3.4	0369	13.2	0063	18.0	0201	22.0	0343	26.0	0107	30.2	0140	34.0	0403	38.0
0348	4.2	0062	13.2	0178	18.0	0258	22.0	0379	26.2	0144	30.2	0219	34.0	0252	38.0
0291	5.0	0317	14.0	0009	18.0	0214	22.0	0246	26.2	0340	30.2	0334	34.0	0448	38.0
0370	5.4	0165	14.2	0003	18.2	0478	22.0	0170	26.2	0250	31.0	0209	34.0	0282	38.0
0375	5.4	0145	14.2	0108	18.2	0164	22.2	0155	27.0	0337	31.2	0331	34.2	0467	38.2
0278	7.0	0286	14.6	0152	18.2	0396	22.2	0139	27.0	0248	31.2	0454	34.2	0387	38.2
0395	7.2	0254	15.0	0149	18.2	0413	22.2	0400	27.0	0142	31.2	0458	34.2	0319	38.2
0401	7.2	0046	15.0	0288	18.2	0483	22.5	0083	27.2	0272	31.2	0056	34.2	0459	38.2
0373	7.2	0106	15.0	0055	18.4	0481	22.7	0336	27.2	0464	31.2	0462	34.2	0146	38.6
0137	7.6	0086	15.2	0237	19.0	0222	23.0	0416	27.2	0238	31.6	0099	34.2	0482	38.7
0021	8.2	0357	15.2	0393	19.0	0031	23.0	0344	27.2	0476	32.0	0082	35.0	0130	38.7
0116	8.2	0124	15.2	0225	19.0	0096	23.0	0488	27.5	0100	32.0	0308	35.0	0451	39.0
0002	8.4	0111	15.2	0177	19.0	0157	23.0	0257	28.0	0098	32.0	0443	35.0	0429	39.0
0399	8.4	0274	15.2	0122	19.0	0385	23.0	0079	28.0	0436	32.0	0363	35.0	0332	39.0
0479	8.6	0277	15.2	0228	19.0	0221	23.0	0367	28.2	0138	32.0	0296	35.0	0028	39.0
0159	9.2	0171	15.4	0374	19.0	0148	23.2	0168	28.2	0141	32.0	0251	35.2	0109	39.2
0172	9.4	0384	15.4	0490	19.0	0295	23.2	0440	28.2	0080	32.0	0338	35.2	0489	40.0
0169	9.4	0023	16.0	0327	19.2	0255	23.2	0465	28.2	0114	32.0	0358	36.0	0446	40.0
0376	9.4	0088	16.0	0189	19.2	0126	23.2	0110	28.2	0378	32.0	0414	36.0	0207	40.0
0355	10.4	0147	16.2	0128	19.2	0480	23.2	0264	28.2	0314	32.0	0444	36.0	0474	40.0
0026	11.0	0371	16.2	0339	19.2	0132	23.2	0052	28.6	0084	32.0	0001	36.0	0309	40.0
0179	11.2	0356	16.2	0005	19.2	0121	23.4	0174	29.0	0352	32.0	0477	36.0	0290	40.0
0256	11.2	0287	16.2	0184	19.4	0224	24.0	0247	29.0	0259	32.0	0262	36.0	0104	40.0
0134	11.4	0330	16.4	0342	19.6	0211	24.0	0236	29.0	0249	32.2	0078	36.2	0351	40.0
0377	11.4	0307	16.6	0218	20.0	0158	24.2	0216	29.0	0154	32.2	0456	36.2	0435	40.0
0411	12.0	0053	17.0	0242	20.2	0119	24.2	0213	29.0	0160	32.2	0463	36.2	0294	40.0
0381	12.2	0092	17.0	0341	20.2	0473	24.2	0284	29.0	0289	32.2	0447	37.0	0180	40.0
0101	12.2	0061	17.0	0131	20.2	0133	24.2	0097	29.0	0404	32.5	0235	37.0	0418	40.0
0123	12.2	0075	17.0	0059	20.2	0129	24.2	0360	29.2	0265	32.6	0320	37.0	0390	40.0
0093	12.4	0328	17.2	0162	20.4	0069	24.4	0372	29.2	0268	33.0	0430	37.0	0457	40.2

-51-

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO POWDERY MILDEW
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0302	41.0	0035	44.0	0234	49.0	0359	56.0	0018	68.0
0186	41.0	0441	44.0	0081	49.0	0428	56.0	0405	68.0
0200	41.0	0118	44.2	0071	49.2	0389	56.0	0066	68.0
0469	41.0	0091	44.2	0102	49.2	0406	56.0	0038	69.8
0449	41.0	0346	44.2	0472	50.0	0024	56.8	0041	69.8
0206	41.0	0386	45.0	0208	50.0	0019	57.0	0045	71.0
0094	41.0	0486	45.0	0306	50.0	0407	57.0	0034	73.0
0007	41.8	0434	45.0	0105	50.0	0153	57.0	0043	73.0
0233	42.0	0345	45.2	0408	50.0	0292	57.5	0042	73.8
0266	42.0	0095	46.0	0204	50.0	0194	57.8	0033	79.8
0325	42.0	0326	46.0	0196	51.0	0315	58.0		
0085	42.0	0432	46.0	0425	51.0	0361	58.0		
0410	42.0	0197	46.0	0267	51.0	0077	58.0		
0127	42.0	0437	46.0	0198	51.0	0050	58.0		
0455	42.0	0060	46.0	0391	51.0	0421	58.0		
0270	42.0	0027	46.0	0241	51.2	0064	59.8		
0422	42.0	0297	46.0	0006	51.8	0051	59.8		
0199	42.0	0312	46.0	0192	52.0	0074	60.0		
0439	42.0	0423	46.0	0025	52.0	0223	60.0		
0452	42.0	0167	46.0	0230	52.0	0263	60.0		
0442	42.0	0279	46.0	0461	52.0	0191	60.0		
0300	42.0	0313	46.0	0072	52.2	0190	60.0		
0333	42.0	0036	46.0	0487	52.5	0304	61.0		
0438	42.0	0419	46.0	0485	52.5	0324	61.0		
0468	42.2	0417	46.0	0424	53.0	0017	61.0		
0058	43.0	0299	46.2	0227	53.0	0016	62.0		
0364	43.0	0329	46.2	0322	53.0	0065	62.0		
0245	43.0	0205	47.0	0049	53.8	0073	62.0		
0453	43.0	0212	47.0	0215	54.0	0323	62.0		
0136	43.0	0445	47.0	0010	54.0	0229	62.0		
0470	44.0	0269	47.2	0426	54.0	0014	62.0		
0433	44.0	0303	47.5	0412	54.0	0044	63.0		
0409	44.0	0347	48.0	0244	54.0	0015	63.0		
0353	44.0	0243	48.0	0475	54.0	0305	63.0		
0431	44.0	0321	48.0	0030	55.0	0037	65.8		
0020	44.0	0089	48.0	0392	55.0	0039	65.8		
0202	44.0	0471	48.0	0427	55.0	0394	66.0		
0013	44.0	0195	48.0	0388	55.0	0029	67.8		
0040	44.0	0067	48.0	0362	56.0	0193	67.8		
0232	44.0	0301	48.7	0117	56.0	0012	68.0		

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO SEPTORIA TRITICI
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0340	0.0	0390	1.5	0285	2.0	0396	2.0	0149	2.0	0186	2.5	0406	2.5	0218	3.0
0326	0.0	0387	1.5	0274	2.0	0395	2.0	0208	2.0	0167	2.5	0050	2.5	0216	3.0
0323	0.0	0414	1.5	0312	2.0	0436	2.0	0207	2.0	0175	2.5	0056	2.5	0214	3.0
0310	0.0	0346	1.5	0311	2.0	0435	2.0	0206	2.0	0196	2.5	0055	3.0	0271	3.0
0014	0.0	0338	1.5	0309	2.0	0417	2.0	0165	2.0	0150	2.5	0054	3.0	0267	3.0
0030	0.0	0351	1.5	0317	2.0	0374	2.0	0429	2.0	0154	2.5	0049	3.0	0246	3.0
0022	1.0	0281	1.5	0316	2.0	0373	2.0	0161	2.0	0145	2.5	0450	3.0	0254	3.0
0018	1.0	0279	1.5	0315	2.0	0363	2.0	0171	2.0	0009	2.5	0020	3.0	0232	3.0
0065	1.0	0046	1.5	0314	2.0	0367	2.0	0188	2.0	0245	2.5	0027	3.0	0230	3.0
0036	1.0	0068	1.5	0308	2.0	0365	2.0	0185	2.0	0251	2.5	0026	3.0	0235	3.0
0035	1.0	0078	1.5	0306	2.0	0360	2.0	0181	2.0	0250	2.5	0079	3.0	0234	3.0
0015	1.0	0073	1.5	0305	2.0	0359	2.0	0180	2.0	0263	2.5	0077	3.0	0233	3.0
0288	1.0	0017	1.5	0324	2.0	0358	2.0	0132	2.0	0260	2.5	0449	3.0	0008	3.0
0282	1.0	0405	1.5	0400	2.0	0357	2.0	0140	2.0	0259	2.5	0074	3.0	0006	3.0
0339	1.0	0062	1.5	0328	2.0	0355	2.0	0108	2.0	0223	2.5	0048	3.0	0147	3.0
0345	1.0	0053	1.5	0325	2.0	0354	2.0	0105	2.0	0211	2.5	0047	3.0	0158	3.0
0393	1.0	0052	1.5	0336	2.0	0353	2.0	0103	2.0	0366	2.5	0042	3.0	0201	3.0
0384	1.0	0064	2.0	0334	2.0	0215	2.0	0102	2.0	0377	2.5	0280	3.0	0198	3.0
0375	1.0	0063	2.0	0333	2.0	0222	2.0	0101	2.0	0371	2.5	0276	3.0	0197	3.0
0364	1.0	0061	2.0	0332	2.0	0221	2.0	0100	2.0	0437	2.5	0444	3.0	0430	3.0
0227	1.0	0060	2.0	0331	2.0	0220	2.0	0423	2.0	0386	2.5	0284	3.0	0169	3.0
0213	1.0	0059	2.0	0304	2.0	0219	2.0	0116	2.0	0397	2.5	0489	3.0	0421	3.0
0162	1.0	0058	2.0	0303	2.0	0228	2.0	0117	2.0	0348	2.5	0484	3.0	0178	3.0
0114	1.0	0024	2.0	0302	2.0	0226	2.0	0095	2.0	0301	2.5	0313	3.0	0189	3.0
0422	1.0	0023	2.0	0300	2.0	0225	2.0	0094	2.0	0307	2.5	0320	3.0	0138	3.0
0113	1.0	0021	2.0	0290	2.0	0231	2.0	0093	2.0	0275	2.5	0318	3.0	0137	3.0
0112	1.0	0019	2.0	0289	2.0	0229	2.0	0092	2.0	0273	2.5	0296	3.0	0144	3.0
0431	1.0	0029	2.0	0352	2.0	0272	2.0	0091	2.0	0287	2.5	0330	3.0	0109	3.0
0111	1.5	0028	2.0	0350	2.0	0270	2.0	0090	2.0	0278	2.5	0329	3.0	0098	3.0
0107	1.5	0080	2.0	0349	2.0	0261	2.0	0089	2.0	0474	2.5	0335	3.0	0104	3.0
0129	1.5	0407	2.0	0399	2.0	0255	2.0	0088	2.0	0038	2.5	0327	3.0	0427	3.0
0163	1.5	0072	2.0	0337	2.0	0253	2.0	0087	2.0	0044	2.5	0490	3.0	0120	3.0
0166	1.5	0070	2.0	0347	2.0	0248	2.0	0084	2.0	0472	2.5	0440	3.0	0424	3.0
0205	1.5	0069	2.0	0344	2.0	0247	2.0	0083	2.0	0409	2.5	0413	3.0	0082	3.0
0203	1.5	0045	2.0	0343	2.0	0403	2.0	0086	2.5	0408	2.5	0443	3.0	0096	3.0
0432	1.5	0043	2.0	0342	2.0	0011	2.0	0121	2.5	0071	2.5	0438	3.0	0127	3.5
0160	1.5	0040	2.0	0341	2.0	0005	2.0	0097	2.5	0067	2.5	0391	3.0	0126	3.5
0376	1.5	0037	2.0	0439	2.0	0001	2.0	0110	2.5	0066	2.5	0372	3.0	0106	3.5
0382	1.5	0277	2.0	0385	2.0	0159	2.0	0139	2.5	0025	2.5	0369	3.0	0192	3.5
0394	1.5	0411	2.0	0392	2.0	0153	2.0	0133	2.5	0404	2.5	0356	3.0	0173	3.5

-33-

INTERNATIONAL WHEAT RUST NURSERY, 1972
REACTION TO SEPTORIA TRITICI
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0202	3.5	0256	4.0	0183	4.5	0190	5.5	0264	7.0
0148	3.5	0244	4.0	0212	4.5	0380	5.5	0481	7.0
0146	3.5	0243	4.0	0482	4.5	0268	5.5	0488	7.0
0249	3.5	0236	4.0	0447	4.5	0242	5.5	0486	7.0
0262	3.5	0419	4.0	0471	5.0	0241	5.5	0452	7.0
0420	3.5	0238	4.0	0448	5.0	0299	5.5	0076	8.0
0217	3.5	0237	4.0	0039	5.0	0291	5.5	0467	8.0
0321	3.5	0004	4.0	0462	5.0	0032	5.5	0476	8.0
0402	3.5	0002	4.0	0451	5.0	0475	5.5	0179	8.0
0283	3.5	0016	4.0	0460	5.0	0033	6.0	0199	8.0
0463	3.5	0368	4.0	0057	5.0	0473	6.0		
0455	3.5	0418	4.0	0453	5.0	0041	6.0		
0456	4.0	0362	4.0	0295	5.0	0465	6.0		
0051	4.0	0361	4.0	0294	5.0	0461	6.0		
0459	4.0	0370	4.0	0293	5.0	0454	6.0		
0458	4.0	0416	4.0	0401	5.0	0457	6.0		
0466	4.0	0383	4.0	0478	5.0	0075	6.0		
0464	4.0	0381	4.0	0479	5.0	0292	6.0		
0031	4.0	0398	4.0	0239	5.0	0477	6.0		
0446	4.0	0441	4.0	0257	5.0	0483	6.0		
0034	4.0	0156	4.0	0269	5.0	0240	6.0		
0468	4.0	0152	4.0	0415	5.0	0210	6.0		
0470	4.0	0433	4.0	0379	5.0	0389	6.0		
0469	4.0	0164	4.0	0378	5.0	0388	6.0		
0412	4.0	0172	4.0	0003	5.0	0442	6.0		
0445	4.0	0168	4.0	0012	5.0	0410	6.0		
0286	4.0	0187	4.0	0010	5.0	0013	6.0		
0480	4.0	0182	4.0	0191	5.0	0007	6.0		
0319	4.0	0426	4.0	0176	5.0	0184	6.0		
0485	4.0	0425	4.0	0174	5.0	0151	6.0		
0487	4.0	0125	4.0	0204	5.0	0155	6.0		
0322	4.0	0115	4.0	0200	5.0	0194	6.0		
0298	4.0	0118	4.0	0193	5.0	0170	6.0		
0297	4.0	0122	4.0	0434	5.0	0428	6.0		
0209	4.0	0085	4.0	0157	5.0	0135	6.0		
0224	4.0	0136	4.0	0124	5.0	0123	6.0		
0266	4.0	0142	4.5	0119	5.0	0128	6.0		
0265	4.0	0131	4.5	0143	5.5	0134	7.0		
0258	4.0	0130	4.5	0141	5.5	0195	7.0		
0252	4.0	0099	4.5	0081	5.5	0177	7.0		

INTERNATIONAL WHEAT RUST NURSERY, 1972
REACTION TO SEPTORIA NODORUM
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0238	0.0	0055	2.0	0348	2.5	0245	3.0	0037	3.0	0321	3.5	0336	3.5	0300	4.0
0489	0.0	0038	2.0	0335	2.5	0291	3.0	0430	3.5	0320	3.5	0475	3.5	0223	4.0
0488	0.0	0281	2.0	0338	2.5	0293	3.0	0429	3.5	0450	3.5	0474	3.5	0097	4.0
0487	0.0	0279	2.5	0380	2.5	0227	3.0	0280	3.5	0354	3.5	0476	3.5	0095	4.0
0486	0.0	0125	2.5	0075	2.5	0208	3.0	0035	3.5	0449	3.5	0479	3.5	0421	4.0
0490	0.0	0128	2.5	0337	2.5	0290	3.0	0402	3.5	0448	3.5	0157	3.5	0250	4.0
0485	0.0	0329	2.5	0472	2.5	0111	3.0	0186	3.5	0417	3.5	0478	3.5	0394	4.0
0484	0.0	0372	2.5	0207	2.5	0339	3.0	0285	3.5	0456	3.5	0419	3.5	0158	4.0
0483	0.0	0130	2.5	0109	2.5	0226	3.0	0410	3.5	0237	3.5	0361	3.5	0392	4.0
0482	0.0	0020	2.5	0074	2.5	0376	3.0	0331	3.5	0324	3.5	0316	3.5	0240	4.0
0411	0.0	0182	2.5	0312	2.5	0112	3.0	0330	3.5	0254	3.5	0243	3.5	0239	4.0
0317	1.0	0023	2.5	0360	2.5	0006	3.0	0034	3.5	0253	3.5	0363	3.5	0315	4.0
0369	1.0	0021	2.5	0244	2.5	0259	3.0	0183	3.5	0390	3.5	0314	3.5	0355	4.0
0054	1.0	0327	2.5	0399	2.5	0175	3.0	0127	3.5	0169	3.5	0248	3.5	0110	4.0
0040	1.0	0121	2.5	0480	2.5	0008	3.0	0408	3.5	0391	3.5	0359	3.5	0386	4.0
0385	1.0	0351	2.5	0318	2.5	0256	3.0	0180	3.5	0257	3.5	0358	3.5	0230	4.0
0384	1.5	0118	2.5	0362	2.5	0173	3.0	0188	3.5	0236	3.5	0247	3.5	0229	4.0
0344	1.5	0117	2.5	0357	2.5	0132	3.0	0047	3.5	0459	3.5	0143	3.5	0202	4.0
0088	1.5	0326	2.5	0138	2.5	0168	3.0	0046	3.5	0458	3.5	0420	3.5	0424	4.0
0093	1.5	0199	2.5	0222	2.5	0134	3.0	0400	3.5	0460	3.5	0393	3.5	0068	4.0
0371	1.5	0334	2.5	0092	2.5	0174	3.0	0309	3.5	0177	3.5	0160	3.5	0178	4.0
0370	1.5	0131	2.5	0101	2.5	0260	3.0	0388	3.5	0001	3.5	0311	3.5	0002	4.0
0349	1.5	0010	2.5	0094	2.5	0062	3.0	0057	3.5	0464	3.5	0249	3.5	0255	4.0
0368	1.5	0365	2.5	0301	2.5	0200	3.0	0120	3.5	0425	3.5	0100	3.5	0171	4.0
0123	1.5	0353	2.5	0106	2.5	0053	3.0	0265	3.5	0288	3.5	0102	3.5	0258	4.0
0350	1.5	0322	2.5	0307	2.5	0050	3.0	0267	3.5	0426	3.5	0219	3.5	0172	4.0
0328	1.5	0135	2.5	0085	2.5	0060	3.0	0272	3.5	0466	3.5	0383	3.5	0395	4.0
0352	1.5	0325	2.5	0218	3.0	0119	3.0	0401	3.5	0468	3.5	0303	3.5	0136	4.0
0366	1.5	0133	2.5	0107	3.0	0262	3.0	0195	3.5	0467	3.5	0346	3.5	0252	4.0
0011	1.5	0167	2.5	0306	3.0	0122	3.0	0446	3.5	0465	3.5	0225	3.5	0276	4.0
0373	1.5	0367	2.5	0299	3.0	0049	3.0	0271	3.5	0423	3.5	0217	3.5	0065	4.0
0246	1.5	0323	2.5	0220	3.0	0287	3.0	0274	3.5	0387	3.5	0216	3.5	0063	4.0
0364	1.5	0179	2.5	0090	3.0	0181	3.0	0273	3.5	0079	3.5	0104	3.5	0196	4.0
0251	1.5	0005	2.5	0298	3.0	0029	3.0	0418	3.5	0422	3.5	0297	3.5	0052	4.0
0379	1.5	0067	2.5	0096	3.0	0184	3.0	0374	3.5	0340	3.5	0215	3.5	0051	4.0
0108	1.5	0461	2.5	0221	3.0	0129	3.0	0447	3.5	0469	3.5	0105	4.0	0269	4.0
0378	1.5	0289	2.5	0241	3.0	0284	3.0	0333	3.5	0228	3.5	0304	4.0	0058	4.0
0462	1.5	0341	2.5	0149	3.0	0282	3.0	0332	3.5	0471	3.5	0381	4.0	0192	4.0
0113	2.0	0076	2.5	0481	3.0	0126	3.0	0261	3.5	0470	3.5	0305	4.0	0266	4.0
0114	2.0	0295	2.5	0242	3.0	0124	3.0	0012	3.5	0473	3.5	0080	4.0	0427	4.0

35-

INTERNATIONAL WINTER WHEAT RUST NURSERY, 1972
REACTION TO SEPTORIA NODORUM
COEFFICIENT IN ASCENDING ORDER

ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF	ENTRY	COEF
0263	4.0	0445	4.5	0083	5.0	0268	5.5	0185	6.5
0233	4.0	0275	4.5	0082	5.0	0375	5.5	0211	6.5
0189	4.0	0064	4.5	0345	5.0	0292	5.5	0144	6.5
0045	4.0	0166	4.5	0214	5.0	0078	5.5	0081	6.5
0019	4.0	0457	4.5	0404	5.0	0071	5.5	0145	7.0
0018	4.0	0389	4.5	0147	5.0	0463	5.5	0162	7.0
0024	4.0	0004	4.5	0146	5.0	0377	5.5	0190	7.0
0016	4.0	0235	4.5	0159	5.0	0356	5.5	0232	7.5
0015	4.0	0007	4.5	0139	5.0	0164	5.5	0026	7.5
0286	4.0	0009	4.5	0142	5.0	0140	5.5	0163	8.0
0031	4.0	0013	4.5	0141	5.0	0313	5.5		
0283	4.0	0342	4.5	0137	5.0	0477	5.5		
0030	4.0	0203	4.5	0072	5.0	0398	5.5		
0428	4.0	0066	4.5	0014	5.0	0148	5.5		
0039	4.0	0204	4.5	0452	5.0	0152	5.5		
0278	4.0	0206	4.5	0451	5.0	0150	5.5		
0187	4.0	0205	4.5	0176	5.0	0153	5.5		
0044	4.0	0070	4.5	0170	5.0	0224	5.5		
0043	4.0	0069	4.5	0455	5.0	0212	5.5		
0042	4.0	0209	4.5	0454	5.0	0347	5.5		
0036	4.5	0073	4.5	0453	5.0	0407	5.5		
0041	4.5	0396	4.5	0115	5.0	0091	5.5		
0033	4.5	0077	4.5	0277	5.0	0155	6.0		
0431	4.5	0319	4.5	0198	5.0	0154	6.0		
0432	4.5	0151	4.5	0197	5.0	0156	6.0		
0437	4.5	0302	4.5	0061	5.0	0161	6.0		
0436	4.5	0099	4.5	0231	5.0	0397	6.0		
0435	4.5	0098	4.5	0413	5.0	0308	6.0		
0234	4.5	0405	4.5	0441	5.0	0294	6.0		
0056	4.5	0343	4.5	0191	5.0	0210	6.0		
0440	4.5	0103	4.5	0048	5.0	0201	6.0		
0264	4.5	0406	4.5	0439	5.0	0415	6.0		
0194	4.5	0089	4.5	0438	5.0	0027	6.0		
0059	4.5	0403	4.5	0434	5.0	0025	6.0		
0442	4.5	0380	4.5	0433	5.0	0416	6.0		
0270	4.5	0210	4.5	0409	5.0	0165	6.0		
0444	4.5	0087	4.5	0032	5.0	0310	6.0		
0443	4.5	0086	4.5	0017	5.5	0003	6.5		
0193	4.5	0084	4.5	0412	5.5	0028	6.5		
0116	4.5	0296	5.0	0414	5.5	0022	6.5		

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE		FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES	
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
1	5	5	7	3	7	8	1	4	7
2	5	5	7	2	7	8	1	2	6
3	5	5	7	2	7	8	1	2	6
4	5	5	7	2	7	8	1	2	4
5	5	5	7	3	7	8	1	2	5
6	5	5	7	2	7	8	1	2	4
7	5	5	7	2	7	8	1	2	4
8	5	5	7	2	7	8	1	2	4
9	5	5	7	2	7	8	1	2	5
10	5	5	7	2	7	8	1	3	5
11	5	5	7	2	7	8	1	2	4
12	5	5	7	3	7	8	1	3	6
13	5	5	7	3	7	8	1	3	-
14	5	5	7	2	7	8	1	2	4
15	5	5	7	2	7	8	1	2	4
16	5	5	7	3	7	8	1	2	6
17	5	5	7	2	7	8	1	2	4
18	5	5	7	3	7	8	1	2	4
19	5	5	7	2	7	8	1	2	4
20	5	5	7	3	7	8	1	4	6
21	5	5	7	3	7	8	1	2	6
22	5	5	7	3	7	8	1	2	4
23	5	5	7	3	7	8	1	2	5
24	5	5	7	2	7	8	1	2	4
25	5	5	7	3	7	8	1	3	6
26	5	5	7	3	7	8	1	2	4
27	5	5	7	2	7	8	1	2	4
28	5	5	7	2	7	8	1	2	4
29	5	5	7	2	7	8	1	2	4
30	5	5	7	3	7	8	1	5	4
31	5	5	7	3	7	8	1	3	4
32	5	5	7	7	7	8	1	6	6
33	5	5	7	2	7	8	1	2	4
34	5	5	7	7	7	8	1	6	5
35	5	5	7	3	7	8	1	6	6
36	5	5	7	2	7	8	1	2	4
37	5	5	7	3	7	8	1	2	4
38	5	5	7	2	7	8	1	2	4
39	5	5	7	3	7	8	1	2	4
40	5	5	7	4	7	8	1	5	6

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		COLLEGE STATION
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	
41	5	5	7	3	7	8	1	2	4
42	5	5	7	8	7	8	1	2	4
43	5	5	7	3	7	8	1	2	4
44	5	5	7	3	7	8	1	2	4
45	5	5	7	2	7	8	1	2	4
46	5	5	7	3	7	8	1	2	5
47	5	5	7	2	7	8	1	2	4
48	5	5	7	2	7	8	1	2	4
49	5	5	7	3	7	8	1	3	4
50	5	5	7	3	7	8	1	3	4
51	5	5	7	3	7	8	1	2	4
52	5	5	7	2	7	8	1	3	4
53	5	5	7	2	7	8	1	2	4
54	5	5	7	2	7	8	1	2	4
55	5	5	7	2	7	8	1	2	4
56	5	5	7	2	7	8	1	2	4
57	5	5	7	2	7	8	1	3	4
58	5	5	7	2	7	8	1	2	4
59	5	5	7	3	7	8	1	2	4
60	5	5	7	3	7	8	1	6	6
61	5	5	7	3	7	8	1	2	3
62	5	5	7	2	7	8	1	2	4
63	5	5	7	2	7	8	1	2	4
64	5	5	7	2	7	8	1	2	4
65	5	5	7	2	7	8	1	2	4
66	5	5	7	3	7	8	1	2	3
67	5	5	7	3	7	8	1	2	4
68	5	5	7	3	7	8	1	2	4
69	5	5	7	3	7	8	1	2	4
70	5	5	7	3	7	8	1	2	4
71	5	5	7	2	7	8	1	4	4
72	5	5	7	3	7	8	1	3	4
73	5	5	7	3	7	8	1	3	4
74	5	5	7	3	6	8	1	2	5
75	5	5	7	8	8	8	1	6	6
76	5	5	7	3	7	8	1	4	6
77	5	5	7	3	7	8	1	2	4
78	5	5	7	3	7	8	1	2	4
79	5	5	7	2	7	8	1	2	4
80	5	5	7	3	7	8	1	4	6

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
81	5	5	7	8	8	8	1	6	7
82	5	5	7	3	7	8	1	2	4
83	5	5	7	2	7	8	1	2	4
84	5	5	7	4	7	8	1	3	5
85	5	5	7	3	7	8	1	4	6
86	5	5	7	2	7	8	1	3	6
87	5	5	7	3	7	8	1	3	5
88	5	5	7	3	7	8	1	4	4
89	5	5	7	3	7	8	1	2	4
90	5	5	7	2	7	8	1	3	4
91	5	5	7	7	7	8	1	2	4
92	5	5	7	3	7	8	1	3	4
93	5	5	7	3	7	8	1	4	6
94	5	5	7	3	7	8	1	4	5
95	5	5	7	3	7	8	1	5	5
96	5	5	7	2	7	8	1	2	4
97	5	5	7	3	7	8	1	4	5
98	5	5	7	3	7	8	1	4	5
99	5	5	7	7	7	8	1	6	6
100	5	5	7	5	7	8	1	6	6
101	5	5	7	3	7	8	1	3	4
102	5	5	7	3	7	8	1	4	6
103	5	5	7	3	7	8	1	0	6
104	5	5	7	7	7	8	1	6	7
105	5	5	7	7	7	8	1	6	7
106	5	5	7	7	7	8	1	5	6
107	5	5	7	7	7	8	1	6	6
108	5	5	7	4	7	8	1	4	5
109	5	5	7	3	7	8	1	3	5
110	5	5	7	8	7	8	1	6	5
111	5	5	7	8	7	8	1	6	6
112	5	5	7	3	7	8	1	2	5
113	5	5	7	3	7	8	1	3	5
114	5	5	7	2	7	8	1	2	3
115	5	5	7	2	7	8	1	2	5
116	5	5	7	3	7	8	1	2	4
117	5	5	7	4	7	8	1	4	6
118	5	5	7	8	7	8	1	6	5
119	5	5	7	4	7	8	1	5	5
120	5	5	7	3	7	8	1	5	5

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
121	5	5	7	3	7	8	1	4	4
122	5	5	7	3	7	8	1	4	5
123	5	5	7	4	7	8	1	4	6
124	5	5	7	4	7	8	1	4	5
125	5	5	7	4	7	8	1	4	6
126	5	5	7	4	7	8	1	4	5
127	5	5	7	4	7	8	1	4	5
128	5	5	7	4	7	8	1	3	4
129	5	5	7	3	7	8	1	3	4
130	5	5	7	8	7	8	1	6	5
131	5	5	7	4	7	8	1	4	5
132	5	5	7	4	7	8	1	4	5
133	5	5	7	4	7	8	1	4	5
134	5	5	7	3	7	8	1	4	5
135	5	5	7	3	7	8	1	4	5
136	5	5	7	3	7	8	1	4	5
137	5	5	7	3	7	8	1	4	4
138	5	5	7	2	7	8	1	3	4
139	5	5	7	2	7	8	1	3	4
140	5	5	7	5	8	8	1	6	6
141	5	5	7	8	9	8	1	7	4
142	5	5	7	2	8	8	1	2	6
143	5	5	7	7	8	8	1	5	6
144	5	5	7	7	7	8	1	5	6
145	5	5	7	5	7	8	1	5	6
146	5	5	7	5	7	8	1	4	6
147	5	5	7	3	7	8	1	3	5
148	5	5	7	7	8	8	1	6	6
149	5	5	7	2	7	8	1	3	4
150	5	5	7	7	8	8	1	7	6
151	5	5	7	2	7	8	1	2	4
152	5	5	7	5	7	8	1	3	6
153	5	5	7	2	7	8	1	4	5
154	5	5	7	4	7	8	1	4	6
155	5	5	7	8	7	8	1	7	6
156	5	5	7	4	7	8	1	4	6
157	5	5	7	4	7	8	1	4	6
158	5	5	7	8	7	8	1	6	6
159	5	5	7	3	7	8	1	4	4
160	5	5	7	5	7	8	1	6	6

-10-

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
161	5	5	7	8	7	8	1	7	6
162	5	5	7	3	7	8	1	4	6
163	5	5	7	7	7	8	1	7	6
164	5	5	7	7	7	8	1	6	6
165	5	5	7	7	7	8	1	7	6
166	5	5	7	7	7	8	1	6	6
167	5	5	7	8	7	8	1	6	6
168	5	5	7	3	7	8	1	3	5
169	5	5	7	7	7	8	1	5	6
170	5	5	7	3	7	8	1	4	6
171	5	5	7	3	7	8	1	2	4
172	5	5	7	2	7	8	1	2	4
173	5	5	7	2	7	8	1	2	4
174	5	5	7	4	7	8	1	4	5
175	5	5	7	3	7	8	1	2	5
176	5	5	7	2	7	8	1	3	4
177	5	5	7	3	7	8	1	2	4
178	5	5	7	2	7	8	1	2	5
179	5	5	7	3	7	8	1	4	6
180	5	5	7	4	7	8	1	6	6
181	5	5	7	3	7	8	1	2	4
182	5	5	7	2	7	8	1	2	4
183	5	5	7	3	7	8	1	4	6
184	5	5	7	3	7	8	1	4	6
185	5	5	7	2	8	8	1	4	6
186	5	5	7	2	7	8	1	2	5
187	5	5	7	8	7	8	1	2	4
188	5	5	7	3	7	8	1	4	5
189	5	5	7	2	7	8	1	3	4
190	5	5	7	5	8	8	1	5	6
191	5	5	7	5	7	8	1	4	5
192	5	5	7	4	7	8	1	4	5
193	5	5	7	7	8	8	1	7	6
194	5	5	7	8	9	8	1	7	6
195	5	5	7	4	7	8	1	2	3
196	5	5	7	8	8	8	1	6	7
197	5	5	7	5	7	8	1	4	5
198	5	5	7	2	7	8	1	2	4
199	5	5	7	2	7	8	1	2	5
200	5	5	7	2	8	8	1	6	7

-41-

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
201	5	5	7	2	7	8	1	2	6
202	5	5	7	2	7	8	1	3	6
203	5	5	7	2	7	8	1	2	4
204	5	5	7	3	7	8	1	2	5
205	5	5	7	3	7	8	1	2	4
206	5	5	7	3	7	8	1	4	5
207	5	5	7	2	7	8	1	2	4
208	5	5	7	3	7	8	1	3	5
209	5	5	7	2	7	8	1	2	5
210	5	5	7	5	7	8	1	5	6
211	5	5	7	7	7	8	1	7	6
212	5	5	7	8	7	8	1	7	6
213	5	5	7	3	7	8	1	4	6
214	5	5	7	7	7	8	1	7	6
215	5	5	7	4	7	8	1	3	6
216	5	5	7	3	7	8	1	2	6
217	5	5	7	3	7	8	1	2	6
218	5	5	7	3	7	8	1	2	6
219	5	5	7	3	7	8	1	2	4
220	5	5	7	3	7	8	1	5	6
221	5	5	7	3	7	8	1	2	4
222	5	5	7	2	7	8	1	2	4
223	5	5	7	3	7	8	1	2	4
224	5	5	7	2	7	8	1	2	6
225	5	5	7	3	7	8	1	2	6
226	5	5	7	3	7	8	1	3	4
227	5	5	7	2	7	8	1	2	4
228	5	5	7	2	7	8	1	2	5
229	5	5	7	2	7	8	1	2	4
230	5	5	7	3	7	8	1	2	6
231	5	5	7	3	7	8	1	2	4
232	5	5	7	3	8	8	1	2	-
233	5	5	7	8	9	8	1	6	-
234	5	5	7	2	5	8	1	2	3
235	5	5	7	6	7	8	1	5	7
236	5	5	7	6	6	8	1	2	4
237	5	5	7	2	5	8	1	2	4
238	5	5	7	4	6	8	1	4	4
239	5	5	7	8	7	8	1	5	5
240	5	5	7	7	7	8	1	6	6

- 42 -

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE		FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION	
241	5	5	7	8	9	8	1	6	-	
242	5	5	7	8	9	8	1	6	-	
243	5	5	7	2	7	8	1	2	4	
244	5	5	7	2	5	8	1	2	4	
245	5	5	7	3	7	8	1	3	4	
246	5	5	7	2	6	8	1	2	4	
247	5	5	7	2	7	8	1	2	4	
248	5	5	7	2	6	8	1	2	4	
249	5	5	7	4	7	8	1	3	4	
250	5	5	7	7	7	8	1	2	4	
251	5	5	7	8	7	8	1	2	4	
252	5	5	7	2	7	8	1	2	4	
253	5	5	7	2	5	8	1	2	4	
254	5	5	7	4	7	8	1	4	4	
255	5	5	7	2	7	8	1	2	4	
256	5	5	7	2	7	8	1	2	4	
257	5	5	7	2	7	8	1	2	4	
258	5	5	7	2	7	8	1	2	4	
259	5	5	7	3	7	8	1	2	4	
260	5	5	7	7	8	8	1	5	6	
261	5	5	7	3	7	8	1	2	5	
262	5	5	7	2	7	8	1	2	5	
263	5	5	7	2	7	8	1	3	5	
264	5	5	7	2	8	8	1	3	6	
265	5	5	7	3	7	8	1	3	6	
266	5	5	7	2	8	8	1	3	6	
267	5	5	7	3	7	8	1	3	5	
268	5	5	7	7	9	8	1	7	7	
269	5	5	7	7	9	8	1	7	7	
270	5	5	7	3	7	8	1	3	4	
271	5	5	7	4	7	8	1	4	5	
272	5	5	7	2	7	8	1	2	4	
273	5	5	7	3	7	8	1	2	4	
274	5	5	7	3	7	8	1	3	4	
275	5	5	7	3	7	8	1	3	4	
276	5	5	7	3	7	8	1	3	4	
277	5	5	7	3	6	8	1	2	4	
278	5	5	7	6	7	8	1	2	5	
279	5	5	7	4	6	8	1	4	-	
280	5	5	7	4	7	8	1	5	6	

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE		FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES	
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
281	5	5	7	4	6	8	1	4	5
282	5	5	7	4	7	8	1	4	4
283	5	5	7	3	7	8	1	3	-
284	5	5	7	2	6	8	1	2	-
285	5	5	7	3	7	8	1	2	-
286	5	5	7	2	7	8	1	2	4
287	5	5	7	4	7	8	1	4	4
288	5	5	7	3	6	8	1	3	4
289	5	5	7	2	7	8	1	2	4
290	5	5	7	3	6	8	1	2	4
291	5	5	7	7	7	8	1	7	7
292	5	5	7	8	9	8	1	7	7
293	5	5	7	7	9	8	1	6	6
294	5	5	7	8	9	8	1	6	-
295	5	5	7	6	7	8	1	4	5
296	5	5	7	4	7	8	1	4	4
297	5	5	7	3	8	8	1	2	6
298	5	5	7	2	7	8	1	2	3
299	5	5	7	8	9	8	1	7	-
300	5	5	7	4	7	8	1	5	6
301	5	5	7	7	7	8	1	4	-
302	5	5	7	4	7	8	1	4	4
303	5	5	7	7	7	8	1	5	-
304	5	5	7	3	7	8	1	6	4
305	5	5	7	3	7	8	1	3	4
306	5	5	7	8	8	8	1	7	-
307	5	5	7	4	7	8	1	4	3
308	5	5	7	4	7	8	1	4	-
309	5	5	7	4	7	8	1	4	5
310	5	5	7	8	8	8	1	7	-
311	5	5	7	8	8	8	1	6	-
312	5	5	7	4	7	8	1	4	4
313	5	5	7	3	7	8	1	3	4
314	5	5	7	3	7	8	1	4	4
315	5	5	7	3	7	8	1	3	5
316	5	5	7	2	7	8	1	2	4
317	5	5	7	2	7	8	1	2	4
318	5	5	7	2	7	8	1	2	3
319	5	5	7	2	7	8	1	2	4
320	5	5	7	4	7	8	1	5	6

- 44 -

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE		FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES	
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
321	5	5	7	2	7	8	1	2	3
322	5	5	7	2	7	8	1	2	3
323	5	5	7	2	7	8	1	2	4
324	5	5	7	2	7	8	1	2	4
325	5	5	7	3	7	8	1	2	4
326	5	5	7	2	7	8	1	2	4
327	5	5	7	3	7	8	1	2	4
328	5	5	7	2	7	8	1	2	4
329	5	5	7	3	7	8	1	2	4
330	5	5	7	2	7	8	1	2	4
331	5	5	7	2	7	8	1	2	4
332	5	5	7	2	7	8	1	2	4
333	5	5	7	2	7	8	1	2	4
334	5	5	7	2	7	8	1	2	4
335	5	5	7	2	7	8	1	2	4
336	5	5	7	3	7	8	1	2	4
337	5	5	7	3	7	8	1	2	5
338	5	5	7	2	7	8	1	2	6
339	5	5	7	2	7	8	1	2	6
340	5	5	7	4	7	8	1	5	6
341	5	5	7	3	7	8	1	3	6
342	5	5	7	3	7	8	1	3	6
343	5	5	7	2	7	8	1	2	5
344	5	5	7	2	7	8	1	2	4
345	5	5	7	2	7	8	1	2	4
346	5	5	7	2	7	8	1	2	4
347	5	5	7	3	7	8	1	2	4
348	5	5	7	3	7	8	1	2	4
349	5	5	7	3	7	8	1	2	4
350	5	5	7	3	7	8	1	2	4
351	5	5	7	2	7	8	1	2	4
352	5	5	7	3	7	8	1	2	4
353	5	5	7	4	7	8	1	2	4
354	5	5	7	4	7	8	1	-	6
355	5	5	7	3	7	8	1	2	4
356	5	5	7	4	7	8	1	2	4
357	5	5	7	3	7	8	1	2	4
358	5	5	7	4	7	8	1	2	5
359	5	5	7	3	7	8	1	2	6
360	5	5	7	7	7	8	1	5	-

.45-

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		COLLEGE STATION
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	
361	5	5	7	4	7	8	1	2	6
362	5	5	7	2	7	8	1	2	4
363	5	5	7	2	7	8	1	2	4
364	5	5	7	3	7	8	1	2	4
365	5	5	7	3	7	8	1	2	5
366	5	5	7	2	7	8	1	2	4
367	5	5	7	4	7	8	1	2	5
368	5	5	7	4	7	8	1	2	5
369	5	5	7	2	7	8	1	2	4
370	5	5	7	3	7	8	1	2	4
371	5	5	7	4	7	8	1	2	5
372	5	5	7	4	7	8	1	2	5
373	5	5	7	2	7	8	1	2	4
374	5	5	7	3	7	8	1	2	4
375	5	5	7	3	7	8	1	2	4
376	5	5	7	3	7	8	1	2	4
377	5	5	7	3	7	8	1	2	4
378	5	5	7	2	7	8	1	2	4
379	5	5	7	2	7	8	1	2	4
380	5	5	7	7	8	8	1	5	6
381	5	5	7	2	7	8	1	2	4
382	5	5	7	4	7	8	1	2	4
383	5	5	7	2	6	8	1	2	3
384	5	5	7	3	7	8	1	2	3
385	5	5	7	7	8	8	1	2	5
386	5	5	7	3	7	8	1	2	4
387	5	5	7	7	7	8	1	2	6
388	5	5	7	3	8	8	1	2	4
389	5	5	7	4	8	8	1	2	6
390	5	5	7	4	7	8	1	2	-
391	5	5	7	3	7	8	1	2	6
392	5	5	7	2	7	8	1	2	4
393	5	5	7	2	7	8	1	2	4
394	5	5	7	7	7	8	1	3	4
395	5	5	7	7	7	8	1	4	6
396	5	5	7	7	7	8	1	4	5
397	5	5	7	4	7	8	1	2	4
398	5	5	7	4	7	8	1	2	4
399	5	5	7	4	7	8	1	2	4
400	5	5	7	7	7	8	1	5	6

-44-

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
401	5	5	7	3	7	8	1	2	5
402	5	5	7	4	7	8	1	2	6
403	5	5	7	7	7	8	1	4	6
404	5	5	7	7	7	8	1	4	5
405	5	5	7	7	7	8	1	4	6
406	5	5	7	7	7	8	1	4	6
407	5	5	7	7	7	8	1	3	6
408	5	5	7	6	7	8	1	4	6
409	5	5	7	7	7	8	1	3	6
410	5	5	7	7	7	8	1	2	6
411	5	5	7	6	7	8	1	4	6
412	5	5	7	7	7	8	1	2	6
413	5	5	7	2	7	8	1	2	4
414	5	5	7	2	7	8	1	2	4
415	5	5	7	2	7	8	1	2	4
416	5	5	7	2	7	8	1	2	4
417	5	5	7	3	7	8	1	2	4
418	5	5	7	2	7	8	1	2	4
419	5	5	7	3	7	8	1	2	4
420	5	5	7	7	7	8	1	5	6
421	5	5	7	2	5	8	1	2	4
422	5	5	7	3	5	8	1	2	4
423	5	5	7	2	5	8	1	2	4
424	5	5	7	3	5	8	1	2	4
425	5	5	7	2	5	8	1	2	4
426	5	5	7	3	5	8	1	2	4
427	5	5	7	2	5	8	1	2	4
428	5	5	7	2	5	8	1	2	4
429	5	5	7	3	5	8	1	2	4
430	5	5	7	2	5	8	1	2	4
431	5	5	7	3	6	8	1	2	4
432	5	5	7	3	5	8	1	2	4
433	5	5	7	3	5	8	1	2	4
434	5	5	7	3	5	8	1	2	4
435	5	5	7	3	5	8	1	2	4
436	5	5	7	3	5	8	1	2	4
437	5	5	7	3	5	8	1	2	4
438	5	5	7	3	5	8	1	2	4
439	5	5	7	2	5	8	1	2	4
440	5	5	7	7	7	8	1	5	4

-47-

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	Kragujevic	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
441	5	5	7	2	5	8	1	2	4
442	5	5	7	2	5	8	1	2	4
443	5	5	7	3	5	8	1	2	4
444	5	5	7	2	5	8	1	2	4
445	5	5	7	2	5	8	1	2	4
446	5	5	7	3	5	8	1	2	4
447	5	5	7	2	5	8	1	2	4
448	5	5	7	2	5	8	1	2	4
449	5	5	7	2	5	8	1	2	4
450	5	5	7	3	5	8	1	2	4
451	5	5	7	2	5	8	1	2	4
452	5	5	7	2	6	8	1	2	4
453	5	5	7	2	5	8	1	2	4
454	5	5	7	2	5	8	1	2	4
455	5	5	7	2	6	8	1	2	4
456	5	5	7	2	7	8	1	2	4
457	5	5	7	3	7	8	1	2	4
458	5	5	7	2	7	8	1	2	4
459	5	5	7	2	7	8	1	2	4
460	5	5	7	7	7	8	1	4	6
461	5	5	7	2	6	8	1	2	4
462	5	5	7	2	6	8	1	2	4
463	5	5	7	3	7	8	1	2	4
464	5	5	7	2	7	8	1	2	4
465	5	5	7	3	7	8	1	2	4
466	5	5	7	2	7	8	1	5	4
467	5	5	7	2	7	8	1	2	4
468	5	5	7	3	7	8	1	2	4
469	5	5	7	3	7	8	1	2	4
470	5	5	7	2	7	8	1	2	4
471	5	5	7	2	7	8	1	2	4
472	5	5	7	3	7	8	1	2	4
473	5	5	7	2	5	8	1	2	4
474	5	5	7	3	5	8	1	2	4
475	5	5	7	9	9	8	1	6	-
476	5	5	7	6	8	8	1	2	6
477	5	5	7	7	9	8	1	4	6
478	5	5	7	3	7	8	1	2	5
479	5	5	7	3	8	8	1	2	5
480	5	5	7	7	7	8	1	5	6

-48-

INTERNATIONAL WINTER WHEAT NURSERY, 1972

STAGE OF GROWTH

ENTRY NO.	CHILE	FRANCE		PARAGUAY	URUGUAY	YUGOSLAVIA	UNITED STATES		
	TEMUCO	CHILLAN	VERSAILLES	ENCARNACION	LA ESTANZUELA	KRAGUJEVIC	INDIANA LAFAYETTE	TEXAS BEEVILLE	COLLEGE STATION
481	5	5	7	6	8	8	1	2	5
482	5	5	7	3	7	8	1	2	5
483	5	5	7	3	7	8	1	2	-
484	5	5	7	6	7	8	1	2	5
485	5	5	7	4	7	8	1	3	4
486	5	5	7	4	6	8	1	2	4
487	5	5	7	3	8	8	1	2	4
488	5	5	7	7	7	8	1	4	6
489	5	5	7	2	7	8	1	2	4
490	5	5	7	7	7	8	1	5	6

INTERNATIONAL WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
1	PS-CK	60S	70S	20S	99S	80MS	10MS-99VS	05R	20S-30S
2	ARTHUR	01TR	10S	000	10MR	10MS	0TR	---	0TR
3	BENHUR	03TR	30S	000	05R	000	40S	05R	05S-10S
4	GAGE	05R	20S	000	05R	30MS	0TR	---	05S-10S
5	P 572483	40S	60S	60S	30S	60MS	0TR-65S	25MR	60S-70S
6	SD66108	60S	60S	000	30MR	60MS	0TR-20MS	---	20S-30S
7	SD66173	04R	60S	000	05R	40MS	0TR	05R	0TR
8	MT 036541	40S	30S	000	05R	60MS	0TR	05R	0TR
9	SD6716	30S	05S	---	20MR	10MS	05MR	05R	10MS-10S
10	AGENT	000	30S	000	20MR	50MS	000	---	05S-10S
11	TRUMBULL	60S	80S	000	80S	80MS	05MR-60VS	10MR	40S-50S
12	ANIVERSAR	40S	40S	10S	80S	90MS	0TR-05M	10MR	10S-20S
13	LUCERO	20S	40S	000	99S	80MS	0TR-05MR	25S	30S-40S
14	15245	20MS	10S	000	60MS	90MS	0TR-05MR	05R	10S
15	15246	20MS	50S	000	99S	90MS	0TR-05MR	---	0TR
16	15247	30S	60S	000	80S	90MS	0TR, 40S	05R	05MS
17	14481	20MS	60S	000	80S	90MS	0TR-25MS	05R	05MS-05S
18	15248	40S	50S	000	99S	90MS	05MS	---	10S-20S
19	14578	40S	30S	000	99S	80MS	05MS-40MS	---	0TMS
20	PS-CK	60S	70S	80S	50S	90MS	0TR-65S	05R	60S
21	BALBO	15MR	000	000	10MS	30MS	000	---	80S
22	NB66425	60S	20S	000	50S	000-70MS	0TR-05MR	---	05S-10S
23	P 6345A9	40S	60S	000	20MR	60MS	0TR-05MR	05R	20S-30S
24	TRAPPER	20S	80S	000	50MS	30MS	0TR, 05MR	---	05R, 05MS
25	FOX	10MR	10S	000-0TR	99MS	50MS	0TR	---	0TR
26	SCOUTLAND	01TR	10S	000	80MS	000	0TR	---	0TR
27	NB 68435	20MR	50S	000	30MR	20MS	10M	05R	10S-20S
28	TIMPAW	000	30MR	000	05MR	50MR	000	---	0TR
29	STW 61R85	30S	80S	000	60S	85MS	05MS-60S	10MR	50S-60S
30	STW 63R50	000	30MR	000	80MR	60MS	000	---	0TR
31	STW 65R57	03TR	50S	000	10MR	20MS	0TR	10R	0TR
32	PLX66-157	20S	70S	80S	30MR	80MS	0TR-10MR	---	05S-10S
33	KS 70356	20S	50S	000	30MR	60MS	0TR-05MR	---	0TR
34	BLUEBOY I	40S	50S	000	50MR	70MS	000	25S	05S-10S
35	PS-CK	60S	80S	70S	99S	90MS	05MR, 99S	10R	60S
36	OMAR 448-	40S	80S	000	99S	70MS	99VS	---	10S
37	68F6656	000	30S	000	20MS	60MS	0TR	05R	0TR
38	68F6660	20S	30S	000	20MS	60MS	0TR	---	0TR
39	68F6664	10R	40S	000	40MS	60MS	000	---	0TR
40	PS-CK	90S	80S	60S	60MS	90MS	05S-65S	10MR	60S-70S

-50-

1-40 A

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP.	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES	PUERTO RICO	PUERTO RICO	SUMMARY	
		S. AFRICA							AVERAGE	HIGHEST
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	MAYAGUEZ	LAJAS	COEFFICIENT OF INFECTION	READING
1	PS-CK	40S	99S	0TS	99VS	60S	70S	70S	52.0	99VS
2	ARTHUR	000	000	---	20S	0TR-0TS	000	30S	5.6	30S
3	BENHUR	05MS	60S	---	80VS	0TS	---	20S	18.8	80VS
4	GAGE	0TMR	60S	0TS	80VS	0TR-0TS	0TR	0TR	13.8	80VS
5	P 5724B3	80VS	80S	0TS	99VS	05S	40S	80S	46.2	99VS
6	SD66108	30MR	JS	0TS	99S,000	20S	40MS	30S	32.4	99S,000
7	SD66173	0TMR	20MR	---	05VS-30VS	0TS	30MS	40S	12.4	60S
8	MT 036541	0TMR	60S	---	05VS-30VS	0TS	30S	10S	16.2	60S
9	SD6716	0TR	80S	0TS	90VS	0TR	20MR	10R	17.3	90VS
10	AGENT	0TMR	10R	---	90MS	05MR	---	20R	13.6	90MS
11	TRUMBULL	50S	99S	10S	99S	60S	30S	50S	48.5	99S
12	ANIVERSAR	15S	60S	0TS	05VS-99VS	20S	80S	50S	32.4	80S
13	LUCERO	60MS	20S	0TS	99VS	40S	60S	40MR-40MS	37.4	99VS
14	15245	70S	10MS	05S	99VS	60S	50S	30MR	30.7	99VS
15	15246	80S	10MS	10S	99S	60S	40S,80S	30MR	39.0	99S
16	15247	80MS	10MS	30S	99VS	60S	50S	30R-30MS	37.6	99VS
17	14481	70MS	10MS	20S	99VS	60S	60MR	40MR	34.4	99VS
18	15248	80S	20MS	30S	99VS	60S	60MS	20MR-20MS	44.0	99VS
19	14578	70MR	10MS	0TS	99VS	60S	80S	20MR	37.2	99VS
20	PS-CK	99S	99S	0TS	99VS	80S	80S	60S	60.7	99VS
21	BALBO	80S,000	---	---	80MR,000	0TR	20MS	000	20.5	80S,000
22	NB66425	10S	80S	0TS	05VS-99VS	60S	50S	70S	29.3	80S
23	P 6345A9	65S	40S	05S	05VS-99VS	60S	90S	50S	32.8	90S
24	TRAPPER	50S	60S	---	60S	60S	60S	40MS	37.4	80S
25	FOX	000	20MR	---	99VS	10MR	50R	000	19.5	99VS
26	SCOUTLAND	0TMS	80S	---	10S	05S	60S	10S	18.5	80S
27	NB 68435	0TS	99S	0TS	99VS	10S	60S	20MR-20MS	25.4	99VS
28	TIMPAW	000	40MR	0TS	05MR	40MS	---	0TR	6.5	40MS
29	STW 61R85	10S	99S	20S	99VS	80S	50S	30S	45.6	99VS
30	STW 63R50	000	20MR	0TS	05MR	40MS	30MR	20R	10.8	60MS
31	STW 65R57	0TS	60S	---	80MS	60S	90S	50S	28.6	90S
32	P1X66-157	60MS	40S	05S	99S	60S	---	30MR	39.6	99S
33	KS 70356	0TMR	20MR	0TS	90MS	40MS	30R	0TR,20R	17.8	90MS
34	BLUEBOY I	000,50MS	0TR	0TS	90MS	40MS	40R	40R	21.1	90MS
35	PS-CK	80S	99S	40S	99VS	80S	40S,50S	50MS	61.5	99VS
36	OMAR 448-	80S	99S	10S	99VS	80S	50S	05S	57.6	99VS
37	68F6656	000	10MR	---	99MS	20MS-20S	40MR	30MR	15.9	99MS
38	68F6660	10VR	10R	---	99MS	20MS	40MR	10R	17.8	99MS
39	68F6664	50R	10MR	---	99MS	20MS	40R	20R	18.7	99MS
40	PS-CK	85S	99S	0TS	99S	80S	90S	---	62.3	99S

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KORFA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIRAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
1	PS-CK	000	40MR	99VR	25S-65S	25MR	40MR	60S	90S
2	ARTHUR	000	10MR	0TR	0TVR	05R	000	0TMR, 20MR	05R
3	BENHUR	000	05MR	0TR	0TR-05R	05R	05MS	05MR	05R
4	GAGE	000	20MR	40MS	0TR-10R	05R	10MR	02R	20MR
5	P 5724B3	60S	30MS	30MS	0TR-40S	40MR	15MR	02S, 40S	80S
6	SD66108	000	20MS	05M	10S	25MR	25R	20S	10R
7	SD66173	000	15MR	30M	0TR, 10S	05R	0TR	05MR	10R
8	MT 036541	000	30MS	40M	10S	10R	05R	60S	20MR
9	SD6716	05S	10MR	70MS	10MS	25S	10MR-15R	40S	10R, 05MS
10	AGENT	000	45MR	0TVR	0TR	---	10R	000	05R
11	TRUMBULL	000	60MS	99VS	25MS-99VS	40S	40MS	60S	80S
12	ANIVERSAR	000	20MS	20M	10MS	40MR	40MR	80S	10R
13	LUCERO	000	30MR	0TVR	0TR	25S	40R	60S	000
14	15245	000	20MR	99VS	65S	65S	40MR	99S	80S
15	15246	000	65MS	99VS	40S	40S	50MS	99S	60S
16	15247	000	40MS	0TVR	05MR	10R	40MR	---	000
17	14481	000	40MR	99VS	05R	25S	60MS	99S	---
18	15248	000	60MR	99VS	25S	40S	70MS	99S	60MS
19	14578	000	20MR	99VS	0TR	25MR	30MS	99S	---
20	PS-CK	05S	60MS	99VS	65S	25MR	99MS	60S	90S
21	BALBO	000	60MR	20VS	0TR	10MR	65MS, 000	80S	80S
22	NR66425	0TMS	000	30M, 10VR	0TR, 05R	40S	15S	80S	10R
23	P 6345A9	0TMR	000	40M	25S	25MR	25MS	20S	000
24	TRAPPER	000	10MS	99VS	65S	40S	50MS	99S	20MS
25	FOX	000	000	0TVR	0TR	---	000	0TMR	000
26	SCOUTLAND	000	000	40M	40S	10R	10MS	30S	10MR
27	NB 68435	05S	05MR	80S, 40M	05M	25MR	10MR	99S	20MR
28	TIMPAW	000	10MR	0TVR	0TR	---	05R	---	---
29	STW 61R85	000	50MS	20M	0TR, 05MS	10R	20MS	---	---
30	STW 63R50	000	60MR	0TVR	---	---	0TMR	---	000
31	STW 65R57	000	05MR	10VR	0TR	40S	10R	0TMS	10R
32	PIX66-157	000	20MS	0TVR	0TR	---	50MS	---	---
33	KS 70356	000	40MR	05VR	000	---	05MR	0TMS	10R
34	BLUEBOY I	000	10MR	40R	0TR	40MR	30S	---	---
35	PS-CK	30S	30MR	99VS	65S	40S	25MS	99S	80S
36	OMAR 448-	80S	40MS	99VS	99VS	25S	50S	99S	---
37	68F6656	000, 0TMS	40MS	0TVR	0TR	40S	10MR	---	---
38	68F6660	000	20MR	0TVR	0TR	05R	05R	---	000
39	68F6664	000	40MS	0TVR	0TR-05MR	---	60MR	---	---
40	PS-CK	10S	70MS	99VS	65M	25MR	85MS	99S	60S

-52-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
1	PS-CK	60S	20S	60S	50VS	40S	70S	38.3	90S
2	ARTHUR	000	10MS	60S	000	0TR	000	5.3	60S
3	RENHUR	40S	10MS	10R	05R	05MS	20MR	5.2	40S
4	GAGE	30S	05MR	30MS	000	0TMS	70S	12.8	70S
5	P 5724R3	40S	30S	10R	0TR	0TMS	40S	23.2	80S
6	SD66108	10MS	20S	30S	000	30S	60S	15.2	60S
7	SD66173	0TR	10MS	30MS	000	0TR	60S	8.7	60S
8	MT 036541	30S	15S	40MS	000	40S	70S	22.5	70S
9	SD6716	20S	15MS	60S	000	50S	80S	26.1	80S
10	AGENT	000	000	05S	50VR	30S	30S	7.4	30S
11	TRUMBULL	40S	20S	40MS	000	40S	80S	42.2	99VS
12	ANIVERSAR	30MS	10MS	20MR	000	40S	60S	20.7	80S
13	LUCERO	000	02MR	0TR	000	0TR	---	8.2	60S
14	15245	50S	20MS	60S	20MS	60S	90S	51.7	99S
15	15246	50S	20MS	60S	0TR	80S	90S	51.8	99S
16	15247	000	000,05MS	0TR	000	000	000,80S	4.0	40MS
17	14481	50S	15S	20S	000	70S	80S	40.2	99S
18	15248	50S	20S	40MS	50MS	70S	80S	48.7	99S
19	14578	50S	15MS	40MS	50MS	80S	80S	41.0	99S
20	PS-CK	60S	25S	70S	20S	40S	60S	52.2	99VS
21	RALBO	80S	000	20S	20S	70S	80S	37.8	80S
22	NB66425	000	15MS	30MS	0TR	05S	40S	16.9	80S
23	P 6345A9	0TR	02R	20S	000	05S	60S	13.2	60S
24	TRAPPER	50S	30S	70S	30MS	40S	80S	47.2	99S
25	FOX	000	000	0TS	80VR	000	05S	1.7	80VR
26	SCOUTLAND	20S	15MS	60S	10VR	05S	70S	19.7	70S
27	NR 68435	30S	20S	70S	000	50S	80S	32.9	99S
28	TIMPAW	000	000	05S	000	10S	05M	2.1	10S
29	STW 61R85	20S	02MR	0TR	000	000	0TMR	7.6	50MS
30	STW 63R50	000	000	0TR	000	0TS	05MS	2.7	60MR
31	STW 65R57	000	05R	10MR	000	20S	0TMS	5.3	40S
32	P1X66-157	000	10MS	10MR	000	20MR	0TMR	6.9	50MS
33	KS 70356	000	000	10MR	50VR	000,20S	0TMR	2.7	40MR
34	BLUEBOY I	000	000	20MR	40R	000	000	6.1	30S
35	PS-CK	60S	15S	60S	20MS	20S	80S	49.7	99S
36	OMAR 448-	40MS	20S	60S	60MR	50S	60S	56.1	99S
37	68F6656	000	000	0TR	60VR	90S	60S	19.8	90S
38	68F6660	000	000	20S	20VR	90S	60S	14.1	90S
39	68F6664	000	000	20S	000	50S	60S	16.9	60S
40	PS-CK	60S	20S	70S	30VS	70S	60S	53.6	99S

-53-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIRAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVFRAGE COEFFICIENT OF INFECTION	HIGHEST READING
1	PS-CK	99S	99S	99S	80S	000	99S	25VS	90S	05S	66.2	99S
2	ARTHUR	50S	50MS	80S	80S	10MS	99S	60VS	50S-60S	0TMR	51.9	99S
3	RENHUR	---	40MS	80S	80S	10MS	99S	10MS	40S-50S	05S	44.0	99S
4	GAGE	50S	30M	90S	80S	10MR	99S	20S	20S	10S	43.4	99S
5	P 5724R3	40S	30MS	40MS	40MS	0TR	000	000,10S	10S-20S	20S	17.5	40S
6	SD66108	99S	70MS	50MS	80S	0TR	99S	10S	50S	20S	50.4	99S
7	SD66173	70S	90S	80S	80S	10MS	99S	15M	05S-10S	000	49.0	99S
8	MT 036541	000,70S	05R	40MS	30MS,60S	000	99S	0TMR	05MS-05S	000	17.8	99S
9	SD6716	05MS,70S	30MR	20MR	80S	20MS	99S	02S	0TMR	0TS	24.7	99S
10	AGENT	50S	80S	70S	50S	---	99S	05S	30S-40S	0TS	48.1	99S
11	TRUMBULL	99S	99S	90S	80S	80S	99S	10S	70S	10S	70.7	99S
12	ANIVERSAR	50S	80MS	80S	30MS	15MR	99S	02MR	20S	05S	38.7	99S
13	LUCERO	50S	0TR	60MS	40MS-40S	05R	20MS	02MR	0TMS	0TS	16.6	50S
14	15245	90S	99S	99S	80S	80S	99S	40VS	50S	0TMS	70.8	99S
15	15246	99S	99S	99S	70S	80S	99S	20MS	30S	0TMS	65.8	99S
16	15247	99S	99S	99S	90S	90S	99S	30VS	40S	0TMS	69.7	99S
17	14481	90S	99S	99S	90S	20MS	99S	20MS	50	0TMS	60.0	99S
18	15248	99S	99S	99S	90S	80S	99S	50VS	60S	0TS	75.2	99S
19	14578	99S	99S	99S	80S	80S	99S	40VS	60S	10S	74.0	99S
20	PS-CK	99S	99S	90S	70S,30MS	30MS	99S	30VS	30S-40S	05S	60.6	99S
21	BALBO	05MR	0TR	05R	10MR	000	000	000	---	---	1.0	10MR
22	NB66425	10MS	20MR	50MS	30MS-30S	10MR	99S	02MR	05S	0TMS	21.0	99S
23	P 6345A9	05MS	30M	80S	40S	30MS	99S	10MS	20S	0TR	32.5	99S
24	TRAPPER	70S	20MR	80S	80S	30MS	99S	15VS	10S	0TS	43.0	99S
25	FOX	10MS	90S	80MS	20MS	50S	99S	05S	30S-40S	0TS	40.3	99S
26	SCOUTLAND	000	10R	30M	05MR,30S	10MS	99S	15MR	0TMR	0TMR	15.0	99S
27	NB 68435	000,70S	80S	40MS	60S	05MS	99S	15VS	10MS-10S	0TMR	33.1	99S
28	TIMPAW	90S	99S	60MS	80S	30MS	99S	15MS	20S	10MS	53.3	99S
29	STW 61R85	90S	40M	20R	60S	30MS	99S	70VS	70S	20S	51.2	99S
30	STW 63R50	99S	99S	80MS	70S	40S	99S	70VS	60S-70S	10S	67.8	99S
31	STW 65R57	70MS	99S	90S	50S	---	99S	02S	60S-70S	10S	58.2	99S
32	PLX66-157	70MS	30MS	60MS	40MS-40S	20MS	99S	05S	05S-10S	05MR	31.8	99S
33	KS 70356	05MR,70S	70MS	50MS	50S	0TR	99S	10VS	60S-70S	0TR	35.2	99S
34	BLUEBOY I	000	000	000	000	000	99S	02MR	10S-20S	000	12.2	99S
35	PS-CK	99S	90S	99S	60S	40S	99S	20VS	80S	10S	66.3	99S
36	OMAR 448-	90S	70MS	70S	40S	20MS	99S	20VS	20S-30S	40S	50.1	99S
37	68F6656	99S	99S	90S	80S	50S	99S	50VS	10MS-20MS	10MS	64.7	99S
38	68F6660	99S	99S	99S	70S	60S	99S	40VS	10S-20S	30S	67.3	99S
39	68F6664	99S	99S	90S	80S	70S	99S	40VS	05S-10S	10S	65.7	99S
40	PS-CK	99S	80S	90S	70S	60S	99S	50VS	70S-80S	10S	69.7	99S

1-40 E

-45-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
1	PS-CK	40	10	30	80	20	36.0	80	1
2	ARTHUR	40	01	00	07	00	8.4	40	1
3	RENHUR	40	05	30	15	07	18.2	40	1
4	GAGE	40	20	20	80	10	34.0	80	1
5	P 5724B3	10	05	60	07	20	19.2	60	2
6	SD66108	50	40	50	99	20	51.8	99	-
7	SD66173	40	10	30	99	30	41.8	99	1
8	MT 036541	20	10	50	60	30	34.0	60	1
9	SD6716	20	15	10	15	30	18.0	30	1
10	AGENT	60	50	50	90	20	54.0	90	1
11	TRUMBULL	40	40	20	80	05	37.0	80	1
12	ANIVERSAR	60	60	80	90	50	68.0	90	1
13	LUCERO	40	10	70	70	30	44.0	70	2
14	15245	70	15	50	95	80	62.0	95	1
15	15246	60	25	60	90	80	63.0	90	-
16	15247	60	25	60	85	80	62.0	85	1
17	14481	50	25	60	90	80	61.0	90	1
18	15248	60	50	60	90	80	68.0	90	1
19	14578	60	10	50	85	80	57.0	85	1
20	PS-CK	60	15	30	95	20	44.0	95	-
21	BALBO	20	01	20	00	00	8.2	20	-
22	NB66425	20	05	30	60	10	25.0	60	1
23	P 6345A9	20	10	20	20	10	16.0	20	1
24	TRAPPER	60	60	60	99	05	56.8	99	1
25	FOX	50	50	60	95	05	52.0	95	2
26	SCOUTLAND	30	05	10	05	05	11.0	30	1
27	NB 68435	50	40	30	70	40	46.0	70	-
28	TIMPAW	40	25	50	60	20	39.0	60	1
29	STW 61R85	80	60	50	99	50	67.8	99	1
30	STW 63R50	70	40	40	85	40	55.0	85	1
31	STW 65R57	40	15	20	20	20	23.0	40	1
32	P1X66-157	50	10	20	50	00	26.0	50	1
33	KS 70356	80	80	60	99	80	79.8	99	2
34	BLUEBOY I	80	80	60	95	50	73.0	95	2
35	PS-CK	50	20	50	80	20	44.0	80	1
36	OMAR 448-	60	30	40	99	07	46.0	99	-
37	68F6656	70	50	70	99	40	65.8	99	-
38	68F6660	60	80	70	99	40	69.8	99	1
39	68F6664	70	60	60	99	40	65.8	99	1
40	PS-CK	40	20	70	80	10	44.0	80	-

1-40 F

-55-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
1	PS-CK	1	3	2.0	3
2	ARTHUR	-	4	4.0	4
3	BENHUR	-	5	5.0	5
4	GAGE	-	4	4.0	4
5	P 572483	1	3	2.0	3
6	SD66108	1	5	3.0	5
7	SD66173	-	6	6.0	6
8	MT 036541	-	3	3.0	3
9	SD6716	1	4	2.5	4
10	AGENT	-	5	5.0	5
11	TRUMBULL	-	2	2.0	2
12	ANIVERSAR	-	5	5.0	5
13	LUCERO	-	6	6.0	6
14	15245	-	-	0.0	0
15	15246	1	-	1.0	1
16	15247	1	7	4.0	7
17	14481	1	2	1.5	2
18	15248	1	1	1.0	1
19	14578	-	2	2.0	2
20	PS-CK	2	4	3.0	4
21	BALBO	-	2	2.0	2
22	NB66425	1	-	1.0	1
23	P 6345A9	1	3	2.0	3
24	TRAPPER	-	2	2.0	2
25	FOX	1	4	2.5	4
26	SCOUTLAND	-	3	3.0	3
27	NB 68435	-	3	3.0	3
28	TIMPAW	-	2	2.0	2
29	STW 61R85	-	2	2.0	2
30	STW 63R50	-	-	0.0	0
31	STW 65R57	1	7	4.0	7
32	P1X66-157	2	9	5.5	9
33	KS 70356	-	6	6.0	6
34	BLUEBOY I	-	4	4.0	4
35	PS-CK	1	-	1.0	1
36	OMAR 448-	1	-	1.0	1
37	68F6656	1	3	2.0	3
38	68F6660	1	4	2.5	4
39	68F6664	-	5	5.0	5
40	PS-CK	2	2	2.0	2

-56-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PROBSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
1	PS-CK	7	0	3.5	7
2	ARTHUR	6	2	4.0	6
3	RENHUR	8	5	6.5	8
4	GAGE	7	2	4.5	7
5	P 5724B3	5	0	2.5	5
6	SD66108	6	0	3.0	6
7	SD66173	7	2	4.5	7
8	MT 036541	6	0	3.0	6
9	SD6716	6	3	4.5	6
10	AGENT	3	2	2.5	3
11	TRUMBULL	3	0	1.5	3
12	ANIVERSAR	3	4	3.5	4
13	LUCERO	7	2	4.5	7
14	15245	8	2	5.0	8
15	15246	8	0	4.0	8
16	15247	8	0	4.0	8
17	14481	8	3	5.5	8
18	15248	8	0	4.0	8
19	14578	8	0	4.0	8
20	PS-CK	3	2	2.5	3
21	BALBO	0	5	2.5	5
22	NB66425	6	7	6.5	7
23	P 6345A9	3	2	2.5	3
24	TRAPPER	6	2	4.0	6
25	FOX	8	4	6.0	8
26	SCOUTLAND	7	8	7.5	8
27	NB 68435	5	7	6.0	7
28	TIMPAW	6	7	6.5	7
29	STW 61R85	6	0	3.0	6
30	STW 63R50	8	0	4.0	8
31	STW 65R57	8	0	4.0	8
32	P1X66-157	7	3	5.0	7
33	KS 70356	6	3	4.5	6
34	BLUEBOY I	7	0	3.5	7
35	PS-CK	7	0	3.5	7
36	OMAR 448-	7	2	4.5	7
37	68F6656	4	2	3.0	4
38	68F6660	2	2	2.0	2
39	68F6664	6	2	4.0	6
40	PS-CK	0	2	1.0	2

-57-

1-40 H

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURRATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
41	68F6733	20S	40S	000	20MS	60MS	0TR	---	0TR
42	68F6737	02TR	50MS	000	30MS	40MS	0TR	---	0TR
43	68F6740	000	50MS	000	20MR	50MR	000	---	0TS
44	68F6742	02TR	50MS	000	20MR	40MS	0TR	---	0TMR
45	68F6642	02TR	50S	000	20MR	40MS	0TVR	---	0TR
46	68F6676	02TR	50S	000	20MR	000	000	---	0TMR
47	68F6677	03TR	40MS	000	20MR	000	000	---	0TR
48	68F6678	000	40MS	000	20MR	10MS	000	---	0TR
49	68F6602	05R	50S	000	60S	50MS	000	05R	0TR
50	68F6606	04R	30MS	000	60S	50MS	000	---	0TR
51	68F6610	000	30MS	000	99S	60MS	000	---	10S
52	KS 594-2	02TR	60S	000	0TR	10MS	0TR	---	0TR
53	NB 68570	000	40S	000	10MR	000	0TR	05MR	0TR
54	NB68493	03TR	10S	000	30MR	30MS	000	25S	0TR
55	NB68427	03TR	05S,50S	000	30MR	000-35MS	000	10MR	10S
56	NB68463	000	70S	000	60MS	50MS	0TR	---	30S
57	NB65409	000	40S	000	10MR	000-40MS	000	---	0TR
58	NB68465	05MR	70S	000	10MR	40MS	0TMR	---	0TR
59	NB68437	40S	30S	000	10MR	000-80MS	0TMR	25S	0TR
60	PS-CK	60S	80S	60S	99S	90MS	25MS	10MR	40S-50S
61	NB68440	02TR	10MS	000	50MS	000-60MS	0TVR	10MR	0TR
62	NB68510	000	05S	000	30MS	000	0TVR	25S	0TR
63	NB68432	03R	20S	000	30MR	000-60MS	0TR,65S	25S	0TR
64	NB66403	40S	50S	000	99S	30MS	99S	25MR	0TR
65	278286	20S	60S	000	80S	80MS	65S	10MR	0TR
66	68F6650	04R	05MS	0TR	80S	50MS	0TVR	---	0TR
67	68F6652	04R	20MS	000	50S	40MR	0TR	10R	0TR
68	L8F6673	000	20S	000	10MR	000	0TVR	---	0TR
69	68F6674	000	20MS	000	10MR	000	000	---	0TR
70	68F6679	20S	30S	000	10R	000	000	---	0TR
71	68F6727	40S	90S	000	99S	70MS	65S	25S	10S-20S
72	68F6748	02R	30S	000	60S	40MR	000	---	0TR
73	68F6753	03R	05S	000	99S	40MS	000	25MR	0TR
74	68F6755	04R	30S	000	50MS	60MS	000	10MR	0TR
75	T3562	000	05S	000	80MS	20MS	0TVR	---	0TR
76	T4126	000	30S	000	80MS	000	0TR	05R	0TR
77	KS 62217	01TR	50S	000	10MR	70MS	0TR	---	0TR
78	KS 63323	30S	70S	000	0TR	80MS	0TR	40S	05S-10S
79	KS 63325	10MR	50S	000	10MR	80MS	0TR	---	0TR
80	PS-CK	60S	90S	60S	80S	80MS	0TR-65S	25S	50S-60S

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP.	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES		PUERTO RICO	PUERTO RICO	SUMMARY	
		S. AFRICA				MINNESOTA				AVERAGE	HIGHEST
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	ST. PAUL	MAYAGUEZ		LAJAS	COEFFICIENT OF INFECTION	READING
41	68F6733	0TR	20R	---	80MS	20MS-20S	30R	10R		16.6	80MS
42	68F6737	000	20R	---	80MS	20MS	20R	20R		14.6	80MS
43	68F6740	000	20MR	---	80MS	20MS	50R	30MR		13.7	80MS
44	68F6742	000	10MR	---	70MS	20MS	40R	10R		12.9	70MS
45	68F6642	000	05R	---	70MS	20MS	40R	10R		13.4	70MS
46	68F6676	000	20MS	---	50MS	0TR	30R	0TR		9.4	50S
47	68F6677	000	20MR	---	60MS	0TR	40MR	0TR		8.8	60MS
48	68F6678	000	10MR	---	50MR	0TR	0TR	0TR		5.6	40MS
49	68F6602	000	20MR	---	80MS	20MS-20S	20R	---		18.7	80MS
50	68F6606	0TMR	20MR	---	90MS	20MS-20S	30R	10R		17.6	90MS
51	68F6610	0TMR	10MR	---	90MS	20MS-20S	30MR	0TR		21.9	99S
52	KS 594-2	10MR	40MS	---	20MS	05MS-05S	20S	0TR		11.2	60S
53	NB 68570	15R	20MS	---	20MS	05MR	40MS	05S		8.6	40S
54	NB68493	40MS	40S	---	000	20S	50S	05S		15.8	50S
55	NB68427	30MR	80S	---	90VS	05R, 05S	05R	0TR		15.5	90VS
56	NB68463	60S	99S	---	20S-99S	20S	20MR	10MR		30.7	99S
57	NB65409	50MR	99S	---	80VS	05R	05R	0TR, 10R		18.8	99S
58	NB68465	80S	99S	---	05VS-30VS	20S	20MR	20MR		25.2	99S
59	NB68437	40MS	40S	0TS	80MS-05MS	0TR	30MS	40S		20.0	80MS
60	PS-CK	80S	99S	30S	99VS	60S	70S	90S		64.2	99VS
61	NB68440	65S	40S	0TS	05VS-30VS	0TR	10MR	---		12.1	65S
62	NB68510	0TR	20MS	---	20MR	0TR	05R	0TR		5.7	25S
63	NB68432	0TMS	60S	---	30MS	0TR	10R	---		11.1	60S
64	NB66403	20S	80S	---	50VS	05MS-05S	80MR	30MR		37.1	99S
65	278286	0TR	10S	0TS	99S	20MS-20S	40MR	20MR		29.5	99S
66	68F6650	0TMR	10MS	---	90MS	10MS	0TR	10MR		16.7	80S
67	68F6652	0TS	05MR, 40S	---	90MS	05MS-05S	30R	05R		12.2	90MS
68	L8F6673	000	20MR	---	70MR	0TR	0TR	0TR		4.6	70MR
69	68F6674	000	40MR	---	70MR	0TR	000	0TR		4.9	70MR
70	68F6679	000	40MR	---	70MR	0TR	000	0TR		7.4	30S
71	68F6727	10S	99S	---	99VS	60S	30MS	40S		51.2	99VS
72	68F6748	05MR	40MS	0TS	99MS	20MS-20S	50R	30MR		18.4	99MS
73	68F6753	20R	20MS	0TS	90MS	20S	30MS	10R		19.0	99S
74	68F6755	10MR	10MR	---	99VS	20S	30R	30MR		19.1	99VS
75	T3562	000	20MR	---	0TMR-80MR	10MS	---	---		9.2	80MS
76	T4126	20S	40MS	---	10MS	10S	---	30S		15.0	80MS
77	KS 62217	05S	80S	---	15MS	60S	80S	50S		30.6	80S
78	KS 63323	20S	80S	0TS	05VS-30VS	60S	50S	50S		31.6	80S
79	KS 63325	10S	80S	02S	20S	60S	80S	20R		27.0	80S
80	PS-CK	85S	99S	---	99VS	60S	70S	---		64.7	99VS

-59-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
41	68F6733	000	30MR	05VR	0TR	---	0TR	000	000
42	68F6737	000	15MR	05VR	0TR	40MR	0TR	0TS	000
43	68F6740	000	20MR	05VR	0TR	---	0TR	000	---
44	68F6742	000	30MR	05VR	0TR	---	0TMR	000	000
45	68F6642	000	30MR	05VR	0TR	05R	000	000	000
46	68F6676	000	05MR	05VR	0TR	05R	000	000	000
47	68F6677	000	000	05VR	0TR	---	000	000,80S	000
48	68F6678	000	000	05VR	0TR	---	0TMR	000	10R
49	68F6602	000	05MR	0TVR	000	25S	0TMR	0TS,30S	000
50	68F6606	000	50MS	0TVR	000	05R	0TMR	---	000
51	68F6610	000	60MS	0TVR	000	---	0TMS	0TMS	---
52	KS 594-2	15S	000	60MS	0TR-05R	10R	20MR	03R	---
53	NB 68570	30S	000	40R	0TR	25S	0TR	99S	---
54	NB68493	000	000	30MR	000	25S	0TMR	05MS	---
55	NB68427	000	000	50MR	0TR	40S	50MS	30S	---
56	NB68463	0TMS	000	40MR	05R-25MS	25MR	80MS	40MS	---
57	NB65409	000	000	70M	0TR-05R	25S	50MR	0TS	---
58	NB68465	000	05MR	50MR	65S	40S	70MS	60S	20MS
59	NB68437	000	000	30MR	10M	40S	25MS	40S	10R
60	PS-CK	000	60MS	99VS	65MS	40S	70MS	99S	90S
61	NB68440	000	30MS	20M	05R	40S	65MS	80MS	10R
62	NB68510	000	05MR	30MR	0TVR	65S	05R	99S	10R
63	NB68432	000	000	40M	40MS	40S	05R	99S	10R
64	NB66403	000	05MR	70MS	65S	65S	20MS	99S	60S
65	278286	30S	60MS	99VS	99S	40MR	05MR	99S	50S
66	68F6650	000	40MR	10VR	000	10MR	0TMR	000	40MS
67	68F6652	0TMR	000	50MR,0TVR	0TR	40S	0TMS	20S	20MS
68	L8F6673	000	000	20VR	0TR	---	0TMR	000	000
69	68F6674	000	000	20R	000	---	0TR	000	000
70	68F6679	000	000	20VR	0TR	---	000	000	000
71	68F6727	000	000	80S,10MR	05R-65S	40S	20MS	80S	---
72	68F6748	000	30MR	05VR	05R	25MR	05MS	000	---
73	68F6753	000	30MR	05VR	000	40S	05R	000	---
74	68F6755	000	30MR	20MR	000	65S	05MR	000	000
75	T3562	000	000	05VR	0TR-10MS	---	000	---	---
76	T4126	000	000	05VR	0TR	10MR	20MS	0TS-20S	000
77	KS 62217	000	20MS	80M	05R-10MS	25S	0TMR	80S	20R
78	KS 63323	000	50MS	50MS	0TR	65S	10MS	000	20R
79	KS 63325	000	10MR	60M	0TR	40S	10MR	0TS	---
80	PS-CK	30S	50MS	99VS	60S	65S	50S	99S	90S

-60-

41-80 C

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
41	68F6733	000	000	0TR	40VR	000	0TMS	1.7	30MR
42	68F6737	000	000	0TR	20VR	000	0TMS	2.1	40MR
43	68F6740	000	000	10MR	40VR	000	0TMS	1.8	40VR
44	68F6742	000	000	20MR	40VR	000	0TMS,60S	2.3	30MR
45	68F6642	000	000	20MR	40VR	0TVR	0TMS	2.2	30MR
46	68F6676	000	000	10MR	50VR	0TVR	0TMR	1.3	50VR
47	68F6677	000	000	20MS	70VR	0TVR	05MS	2.7	20MS
48	68F6678	000	000	10R	80VR	0TS	0TS	1.8	80VR
49	68F6602	000	000	0TR	000	0TR,30S	40S	4.9	40S
50	68F6606	000	000	0TR	000	60S	50S	11.6	60S
51	68F6610	000	000	0TR	40VR	60S	80S	16.5	80S
52	KS 594-2	10MS	000	10MR	20VR	5MS	05MR	7.1	60MS
53	NB 68570	40S	10MS	60S	10VR	40S	60S	28.6	99S
54	NB68493	02S	02MS	10S	20VR	05S	000	4.9	25S
55	NB68427	30S	10MR	30MS	10MS	30S	80S	23.5	80S
56	NB68463	0TR	01R	10MS	10VR	000	0TMR	10.3	80MS
57	NB65409	15S	05MR	30MS	000	50S	60S	18.4	60S
58	NB68465	000	10MS	30MS	10MR	0TMS	0TMS	21.1	65S
59	NB68437	20S	02MR	60S	60R	30S	30S	19.4	60S
60	PS-CK	60S	15S	60S	30S	80S	80S	57.7	99S
61	NB68440	20S	02MS	30MS	0TR	20S	20S	20.0	80MS
62	NB68510	40S	05MS	30MS	0TR	60S	40MS	24.3	99S
63	NB68432	30S	07MS	40S	000	30S	60S	25.9	99S
64	NB66403	50S	15S	60S	10S	70S	80S	46.2	99S
65	278286	30S	15S	40S	20VS	05S	20S	40.9	99S
66	68F6650	000	10S	0TS	10S	60S	80S	15.3	80S
67	68F6652	000,30S	05MS	30MR	50MR	10MS	40S	12.9	40S
68	L8F6673	000	000	10R	90VR	0TMS	0TS	2.0	90VR
69	68F6674	000	000	10R	90VR	0TS	000	1.9	90VR
70	68F6679	000	000	0TS	90VR	0TMS	TMS	1.9	90VR
71	68F6727	40S	20S	40MS	000	80S	70S	35.3	80S
72	68F6748	10S	05MR	30MS	000	70S	80S	16.4	80S
73	68F6753	000	05MS	10S	000	70S	70S	16.0	70S
74	68F6755	20S	10MS	20S	0TR	90S	90S	22.5	90S
75	T3562	000	000,05MS	10S	000	05S	000	1.4	10S
76	T4126	10S	000	10R	000	000	000	2.4	20MS
77	KS 62217	30MS	05R	60S	000	10S	80S	24.9	80S
78	KS 63323	05S	10S	60S	0TR	60S	30S	23.0	65S
79	KS 63325	10S	01R	60S	10R	60S	30S	19.0	60S
80	PS-CK	60S	05MR	70S	20VS	80S	80S	60.3	99S

-61-

-161-

41-80 D

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TFMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
41	68F6733	80S	90S	60MS	50S	05R	99S	40VS	60S	000	52.0	99S
42	68F6737	20MS	80S	60MS	30S	000	99S	40VS	40S-50S	000	39.2	99S
43	68F6740	05MS	70MS	30M	25MS	000	99S	30VS	05S-10S	0TR	25.8	99S
44	68F6742	05MS	50MS	10MR	20MR-20MS	000	99S	30VS	30S-40S	000	23.8	99S
45	68F6642	05MS	60MS	30MS	40S	000	99S	20VS	05S-10S	000	26.6	99S
46	68F6676	000	10MR	0TR	40S	000	99S	01R	0TR	0TR	15.9	99S
47	68F6677	000	0TR	0TR	30S	000	99S	0TMR	0TR	0TR	14.4	99S
48	68F6678	000	000	0TR	15MR, 0TR	000	99S	01R	0TR	0TR	11.7	99S
49	68F6602	50S	50MS	20M	80S	30MS	99S	10S	10S	40S	40.5	99S
50	68F6606	80S	60MS	40MS	80S	50S	99S	20VS	10S-20S	10S	47.6	99S
51	68F6610	70S	60MS	30M	90S	50S	99S	30VS	05S-10S	20S	47.7	99S
52	KS 594-2	000	0TR	000	40S	0TR	99S	01R	0TR	0TR	15.5	99S
53	NB 68570	60S	40MS	40MS	40MS	20MS	99S	10M	0TR	000	30.8	99S
54	NB68493	000	0TR	000	0TR	000	99S	01R	0TR	0TR	11.1	99S
55	NR68427	90S	70MS	70S	30MS	40S	99S	20VS	0TR	0TR	44.3	99S
56	NR68463	20S	05R	10R	20MS	000	99S	02S	05S-10S	000	16.1	99S
57	NR65409	05MS	10R	20MR	70S	10MS	99S	05S	05S-10S	0TMR	22.3	99S
58	NR68465	05MR	0TR	10R	30MS	05R	99S	01S	0TR	0TR	14.4	99S
59	NR68437	10S	20MR	20M	20S	50S	99S	02R	05S	0TMR	22.7	99S
60	PS-CK	99S	99S	90S	90S	50S	99S	30VS	30S-40S	20S	67.4	99S
61	NR68440	0TMR	0TR	05R	20MS	20MS	70S	01MS	0TR	0TMS	11.7	70S
62	NB68510	30MS	05R	0TR	40MS-40S	30S	50S	01MR	0TR	0TR	15.3	50S
63	NR68432	05MS	50MS	60MS	40MS-40S	20MS	50S	05MS	05MS-05S	0TMS	22.0	50S
64	NR66403	60S	99S	60MS	80S	30S	50S	30VS	60S-70S	10S	51.8	99S
65	27R286	40S	60MS	40MS	90S	60S	50S	05S	10S-20S	20S	39.4	90S
66	68F6650	99S	99S	99S	60S	40S	50S	01R	20S	10S	53.0	99S
67	68F6652	90S	90S	99S	90S	40S	50S	02R	20S-30S	10S	54.3	99S
68	L8F6673	000	0TMR	0TR	20MS	000	50S	01R	10MS-10S	05MS	8.7	50S
69	68F6674	000	000	000	15MS	000	50S	10S	0TR	0TR	8.0	50S
70	68F6679	000	000	000	20MS	0TR	50S	40VS	0TR	0TR	11.8	50S
71	68F6727	90S	40M	20M	80S	20MR-20MS	50S	30VS	05S-10S	20S	35.4	90S
72	68F6748	99S	99S	80S	80S	50S	50S	30VS	10S-20S	05S	55.8	99S
73	68F6753	90S	80S	90S	60S	40MS	80S	25VS	10S-20S	05S	52.4	90S
74	68F6755	99S	99S	99S	90S	40S	99S	40VS	10S	10S	65.1	99S
75	T3562	50S	0TR	10MR	30MS, 0TR	10MR	99S	01MR	0TR	000	20.2	99S
76	T4126	50S	80S	70S	05MR-05MS	0TR	99S	10MS	0TR	000	34.3	99S
77	KS 62217	000	20MR	50MS	60MS-60S	000	80S	10S	0TR	000	20.6	80S
78	KS 63323	0TMR	10MR	10MR	10MS	000	50S	01MR	0TR	000	7.4	50S
79	KS 63325	0TMR	10MR	10MR	30MS	000	50S	05MR	05S-10S	0TR	9.9	50S
80	PS-CK	99S	99S	80S	70S	70S	99S	40VS	50S-60S	10S	68.5	99S

41-80 E

-62-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PRORSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
41	68F6733	80	80	50	99	40	69.8	99	1
42	68F6737	80	80	70	99	40	73.8	99	-
43	68F6740	80	80	70	95	40	73.0	95	1
44	68F6742	80	60	40	95	40	63.0	95	-
45	68F6642	80	80	70	85	40	71.0	85	-
46	68F6676	50	10	00	05	10	15.0	50	1
47	68F6677	30	15	00	10	10	13.0	30	-
48	68F6678	20	10	20	05	10	13.0	20	1
49	68F6602	50	50	60	99	10	53.8	99	-
50	68F6606	60	70	60	99	0T	58.0	99	1
51	68F6610	60	80	50	99	10	59.8	99	-
52	KS 594-2	20	02	50	70	0T	28.6	70	2
53	NB 68570	40	10	10	05	20	17.0	40	-
54	NB68493	40	10	10	0T	0T	12.4	40	2
55	NB68427	40	10	40	0T	0T	18.4	40	1
56	NB68463	20	20	50	80	0T	34.2	80	2
57	NR65409	40	20	00	0T	0T	12.4	40	1
58	NR68465	50	15	50	90	10	43.0	90	2
59	NB68437	40	10	30	0T	20	20.2	40	1
60	PS-CK	60	20	70	70	10	46.0	70	2
61	NB68440	40	10	10	05	20	17.0	40	2
62	NB68510	50	10	00	05	0T	13.2	50	-
63	NB68432	40	05	30	05	10	18.0	40	1
64	NB66403	60	60	40	99	40	59.8	99	2
65	278286	60	30	70	90	60	62.0	90	1
66	68F6650	70	30	70	90	80	68.0	90	1
67	68F6652	50	15	60	95	20	48.0	95	2
68	L8F6673	40	20	20	05	0T	17.2	40	3
69	68F6674	50	70	00	0T	0T	24.4	70	1
70	68F6679	50	60	10	05	0T	25.2	60	1
71	68F6727	60	40	60	85	0T	49.2	85	1
72	68F6748	70	40	60	90	0T	52.2	90	1
73	68F6753	70	60	70	90	20	62.0	90	-
74	68F6755	70	60	60	90	20	60.0	90	1
75	T3562	50	25	00	10	00	17.0	50	2
76	T4126	05	00	00	00	00	1.0	05	2
77	KS 62217	60	60	30	80	60	58.0	80	2
78	KS 63323	50	20	50	60	0T	36.2	60	1
79	KS 63325	50	10	40	30	10	28.0	50	2
80	PS-CK	50	10	50	40	10	32.0	50	1

-63-

41-80 F

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
41	68F6733	-	6	6.0	6
42	68F6737	3	3	3.0	3
43	68F6740	1	3	2.0	3
44	68F6742	2	3	2.5	3
45	68F6642	-	2	2.0	2
46	68F6676	1	2	1.5	2
47	68F6677	-	3	3.0	3
48	68F6678	-	3	3.0	3
49	68F6602	-	3	3.0	3
50	68F6606	1	4	2.5	4
51	68F6610	-	4	4.0	4
52	KS 594-2	1	2	1.5	2
53	NB 68570	1	2	1.5	2
54	NB68493	-	3	3.0	3
55	NB68427	-	3	3.0	3
56	NB68463	1	4	2.5	4
57	NB65409	-	5	5.0	5
58	NB68465	1	3	2.0	3
59	NB68437	-	2	2.0	2
60	PS-CK	2	-	2.0	2
61	NB68440	-	2	2.0	2
62	NB68510	1	2	1.5	2
63	NB68432	2	2	2.0	2
64	NB66403	-	2	2.0	2
65	278286	-	1	1.0	1
66	68F6650	1	4	2.5	4
67	68F6652	2	3	2.5	3
68	L8F6673	1	2	1.5	2
69	68F6674	-	2	2.0	2
70	68F6679	-	2	2.0	2
71	68F6727	2	3	2.5	3
72	68F6748	-	2	2.0	2
73	68F6753	1	2	1.5	2
74	68F6755	-	3	3.0	3
75	T3562	3	9	6.0	9
76	T4126	-	8	8.0	8
77	KS 62217	-	3	3.0	3
78	KS 63323	2	1	1.5	2
79	KS 63325	-	3	3.0	3
80	PS-CK	-	2	2.0	2

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PROBSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
41	68F6733	6	3	4.5	6
42	68F6737	7	1	4.0	7
43	68F6740	6	2	4.0	6
44	68F6742	6	2	4.0	6
45	68F6642	6	2	4.0	6
46	68F6676	6	1	3.5	6
47	68F6677	6	1	3.5	6
48	68F6678	7	3	5.0	7
49	68F6602	5	1	3.0	5
50	68F6606	5	1	3.0	5
51	68F6610	6	2	4.0	6
52	KS 594-2	4	4	4.0	4
53	NB 68570	6	0	3.0	6
54	NB68493	2	0	1.0	2
55	NB68427	2	2	2.0	2
56	NB68463	6	3	4.5	6
57	NB65409	3	4	3.5	4
58	NB68465	5	3	4.0	5
59	NB68437	7	2	4.5	7
60	PS-CK	6	0	3.0	6
61	NB68440	8	2	5.0	8
62	NB68510	6	0	3.0	6
63	NB68432	7	1	4.0	7
64	NB66403	7	2	4.5	7
65	278286	6	2	4.0	6
66	68F6650	5	4	4.5	5
67	68F6652	2	3	2.5	3
68	L8F6673	5	3	4.0	5
69	68F6674	6	3	4.5	6
70	68F6679	5	4	4.5	5
71	68F6727	6	5	5.5	6
72	68F6748	7	3	5.0	7
73	68F6753	6	3	4.5	6
74	68F6755	3	2	2.5	3
75	T3562	3	2	2.5	3
76	T4126	3	2	2.5	3
77	KS 62217	7	2	4.5	7
78	KS 63323	7	4	5.5	7
79	KS 63325	3	4	3.5	4
80	PS-CK	6	2	4.0	6

INTERNATIONAL WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PRORSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
81	CO 701420	20S	20S	10MR	10MR	30MS	0TVR	25MR	0TR
82	NB68435	20S	50S	000	10MR	20MS	0TR	---	30S-40S
83	NB68455	01TR	40S	000	50MR	000	0TR,10S	10R	0TR
84	NB68521	05MR	60S	000	50MR	60MS	0TR	---	05S-10S
85	S66R5803	01TR	05MS	000	20MR	30MS	0TVR	---	0TR
86	S68R7164	01TR	30S	000	50MR	000	0TVR	25S	0TR
87	BC 3546-6	03R	30S	000	10MR	10MS	000	40S	0TR
88	JO-DAR	40S	000,20S	---	30S	30MS	0TR	25S	80S
89	BELJSKA 5	40S	50S	000	80S	---	99VS	25S	60S
90	PERWENETZ	20S	80S	000	99S	80MS	99VS	25MR	10S-20S
91	PETRO 7	30S	60S	000	80VS	75MS	25MS	25MR	40S
92	CHAMPLEIN	20S	30S	000	99VS	80MS	000	40S	50S-60S
93	DAG 3425	20S	40S	000	80MS	80MS	0TR	---	05S-10S
94	VENENY	20S	10S	---	30MR	60MS	0TR	---	05S-10S
95	ARAGON 3	20S	70S	000	99VS	80MS	65MS	25S	30S
96	CO 692413	03R	05S	---	80S	000	000	10MR	0TR
97	CO 692466	000	50S	000	80MS	000	000	25MR	0TR
98	CO 692547	03R	60S	000	30MR	000	000	10MR	0TR
99	CO 692547	15MR	80S	000	50S	70MS	000,40MS	10MR	20S-30S
100	PS-CK	60S	80S	80S	99VS	80MS	10M-99S	10R	70S-80S
101	CO 702269	04R	20MS	000	10MR	10MS	25MR	---	05S
102	CO 701967	000	05S	000	99S	40MS	0TR-05R	10MR	0TR
103	CO 692880	03R	10S	000	10MR	20MS	05R-40S	---	05S-10S
104	CO 692936	000	20S	10MR	30MS	000	05R-40M	25MR	0TR
105	CO 693494	03R	05S	20MS	50MS	50MS	25M	10R	0TR
106	CO 695366	000	10S	000	30MS	000	0TR	10R	05MR-10MR
107	CO 695375	000	0TS	10S	30MS	20MS	10MS	---	05MS-05S
108	CO 696185	000	10S	000	30MS	20MS	0TR	---	0TR
109	CO 69317	03R	40S	000	30MS	40MS	000	25MR	20S
110	CO 696753	04MR	30S	000	50MS	40MS	000	05R	0TR
111	CO 696795	000	40S	000	20MR	30MS	000	10MR	05S-10S
112	CO 697049	000	05S	000	50MS	000	10MS	05R	05S-10S
113	CO 699225	000	05S	000	60S	000	0TR	10MR	10S-20S
114	CO 699272	0TR	05S	000	80S	40MS	0TR	25S	0TR
115	CO 699361	000	10S	000	10MR	30MS	0TVR	05R	0TR
116	CO 699370	000	20S	000	60MR	000	0TR	05R	0TR
117	CO 699442	000	70S	000	10MR	40MS	0TVR	25MR	05S-10S
118	CO 912069	000	30S	000	50MS	40MS	0TVR	25S	05S-10S
119	CO 912079	0TR	70S	000	30MS	10MS	0TVR	10S	10S-20S
120	PS STRAW	50S	80S	80S	80S	85MS	99S	10S	60S-70S

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP.	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES		PUERTO RICO	PUERTO RICO	SUMMARY	
		S. AFRICA								AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	MAYAGUEZ		LAJAS		
<hr/>											
81	CO 701420	20MR	60S	---	50MR	10MS-10S	---	20S		15.2	60S
82	NB68435	02MS	80S	0TS	99MS	05MS-05S	20MR	10S		21.7	80S
83	NB68455	10MR	80S	0TS	99MS	0TMS	20MS	0TR, 30S		16.3	80S
84	NB68521	10MR	80S	---	99MS	05MS-05S	20MS	30MS		26.3	80S
85	S66R5803	000	40S	---	15MS	20S, 05MR	05R	000		8.4	40S
86	S68R7164	30MS	40S	---	90VS	20S	---	05R, 10S		19.3	90VS
87	BC 3546-6	0TMS	60S	---	0TMS	20S	80S	10S		18.1	80S
88	JO-DAR	000, 20R	---	40S	80VR-99MS	0TR	000	---		21.2	80S
89	BELJSKA 5	30MS	80S	0TS	90VS	40S	80S	10S		48.5	99VS
90	PERWENETZ	15R	20S	0TS	90VS	20S	80S	80S		45.0	99VS
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91	PETRO 7	30R	80S	---	99S	40S	20R	20R		38.0	99S
92	CHAMPLEIN	15MS	40MS	0TS	90S	10S	20S	80S		36.5	99VS
93	DAG 3425	---	80S	---	99S	05MS	0TR	10R		31.5	99S
94	VENENY	000	60S	---	90VS	05MS	05R	000		20.8	90VS
95	ARAGON 3	40MS	80S	0TS	99VS	20S	80S	40S		47.4	99VS
96	CO 692413	60MS	60S	0TS	10MS	05MS-05S	30S	10R-10S		17.3	80S
97	CO 692466	30MS	60S	---	0TMS-10MS	0TMR	40S	10R, 20S		17.9	80MS
98	CO 692547	20R	60S	---	10VS-90VS	0TMR	05R	0TR		10.8	60S
99	CO 692547	20MS	80S	0TS	20S-99S	05MS-05S	05MR	05R, 40S		22.6	80S
100	PS-CK	90MS	99S	0TS	99VS	60S	80S	80S		63.4	99VS
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101	CO 702269	05S	60S	---	70MS	05MS-05S	30R	50MS		16.5	60S
102	CO 701967	05MR	20S	---	90S	0TMR	20R	40MR-40MS		19.4	99S
103	CO 692880	05MS	20S	---	99S	05MS-05S	---	20MS		14.9	99S
104	CO 692936	10MR	40S	---	10MS	0TR	---	---		9.2	40S
105	CO 693494	---	60S	---	40VS	20S	50S	10S		22.9	60S
106	CO 695366	---	60S	---	40MS	05MS-05S	40S	30MR		14.3	60S
107	CO 695375	---	20S	---	40MS	0TR	---	---		11.5	40MS
108	CO 696185	---	20MS	0TS	30VS	0TMR	50S	60S		15.9	60S
109	CO 69317	---	10MR, 40S	---	15VR	0TMR	40R	50S		14.7	50S
110	CO 696753	---	60S	---	80VS	0TR	---	---		22.2	80VS
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111	CO 696795	---	000	---	30MS	0TR	---	---		9.5	40S
112	CO 697049	20S	40S	---	15VR, 80MS	0TR	---	0TR		9.4	40S
113	CO 699225	---	000	---	99MS	0TR	10R	---		13.3	99MS
114	CO 699272	---	10MS	10S	60S	0TS	80S	30S		23.6	80S
115	CO 699361	---	10MR	0TS	05MS	0TR	---	---		4.0	30MS
116	CO 699370	05S	40S	---	30MS	0TR	05MS	05R		8.5	40S
117	CO 699442	0TR	40S	0TS	99S-0TS	0TMS-0TS	05MR	30MR-30MS		18.4	99S
118	CO 912069	0TS	10MS	---	80VS	05MS-05S	60S	40MS		22.6	80VS
119	CO 912079	0TS	0TMS	---	70VS	0TMS-0TS	90S	---		21.9	90S
120	PS STRAW	65S	80S	20S	99VS	40S	80S	---		65.0	99VS

-67-

81-120B

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
81	CO 701420	000	20MR	90S,50M	65S	65S	---	000	---
82	NB68435	000	000	90MS	05R-99S	10R	15MS	60S	---
83	NR68455	15MS	05MR	30MR	10M	65S	000	40MS	10R
84	NB68521	000	05MR	70MS	10R-99S	10R	20MR	40S	---
85	S66R5803	000	000	40MR	0TVR	40MR	000	000	---
86	S68R7164	000	000	0TVR	0TVR	65S	15MS	000	000
87	RC 3546-6	000	000	40MS	0TR-05R	65S	15MR	0TMS	---
88	JO-DAR	000	20MR	90S	000-10S	99S	10R	99S	0TR-0TS
89	RELJSKA 5	000	05MS	30MS	0TR-05MS	65S	20MS	99S	10MS
90	PERWENETZ	000	15MR	60MS	0TR-65MS	65S	20MR	10MS	---
91	PETRO 7	0TMS	40MS	99VS	10R	65S	40MR	99S	10MR
92	CHAMPLEIN	15MR	30MS	80S	40S	99S	20MS	99S	20R
93	DAG 3425	000	30MR	90VS	65MS	10R	---	80S	---
94	VENENY	05MS	000	40MS	10MS	05R	10VR	0TMR	---
95	ARAGON 3	80S	10MS	40MS	65S	65S	20MS	60S	60S
96	CO 692413	05S	000	20M	40MS	65S	80MS	60S	40S
97	CO 692466	000	05MR	80S	65MS-99S	99S	15MS	80S	60S
98	CO 692547	000	000	10M,05VR	40S	65MR	15MS	80S	30MS
99	CO 692547	05MS	10MR	20MR	10MS-65S	40MR	15MS	40S	---
100	PS-CK	05MS	60MS	99VS	0TR-99S	65S	60MS	99S	80S
101	CO 702269	000	10MR	20VR	0TR-65MS	10R	---	40S	---
102	CO 701967	000	30MR	40MS	40S	40MR	---	80S	---
103	CO 692880	05MS	30MR	80MS	05R-99S	65S	05MR	99S	60MS
104	CO 692936	05MS	50MS	90S	99S	40S	---	40S	---
105	CO 693494	20S	20MR	90MS	65S	65S	---	60S	0TR-0TS
106	CO 695366	0TR	05MR	99VS	40MS	65S	---	40S	10R
107	CO 695375	000	000	99VS	05R-10MS	25MR	---	40S	0TR-0TS
108	CO 696185	000	10MR	05MR	0TR	40MR	---	20S	05R
109	CO 69317	000	30MS	99VS	10R-65S	65S	---	99S	40MS
110	CO 696753	000	05MR	90S	40MS	10R	---	20S	---
111	CO 696795	000	05MR	90S	0TR-10MS	40MR	10MS	99S	---
112	CO 697049	05MS	05MR	70MS	0TR-10MS	40MR	40MS	99S	---
113	CO 699225	000	000	90S	10MS	65S	---	99S	40MS
114	CO 699272	80S	10MR	90S	40MS	65S	---	99S	30MS
115	CO 699361	60S	30MS	80MS	000,10MS	40MR	---	30S	20MS
116	CO 699370	000	05MR	30M	0TR-10R	40MR	0TMR	40MS	---
117	CO 699442	000	30MS	60MR	0TR-10MR	65S	0TR	80S	10R
118	CO 912069	000	05MR	10R	0TR-10MR	05R	---	0TS	10R
119	CO 912079	000	05MR	10MR	05R-99M	10R	05MR	0TS	10R
120	PS STRAW	30S	60MS	99VS	99S	65S	---	60S	60S

-89-

81-120 C

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
81	CO 701420	90S	10S	70S	70MR	80S	90S	49.6	90S
82	NB68435	30S	10S	80S	000	80S	50S	30.5	80S
83	NB68455	10MS	10MS	80S	000	70S	50S	24.7	80S
84	NB68521	30S	05MR	80S	0TR	70S	40S	25.5	80S
85	S66R5803	000,20S	05MR	0TR	000	10S	20S	4.9	20S
86	S68R7164	000	000	0TR	000	000	000	5.5	65S
87	RC 3546-6	0TR	000	0TR	40VR	0TS	10MS	9.3	65S
88	JO-DAR	80S	10S	60S	0TR	90VS	90S	44.8	99S
89	RELJKA 5	40MS	000,10S	20S	10VS	60S	90S	30.5	99S
90	PERWENETZ	10S	10S	60S	10VR	40S	80S	25.9	80S
91	PETRO 7	15S	20S	40S	000	40S	70S	35.9	99S
92	CHAMPLEIN	15S	20S	0TR	50VS	30S	50S	38.0	99S
93	DAG 3425	20S	15S	30MS	000	50S	60S	33.7	90VS
94	VENENY	000	15S	20MR	000	50MS	99S	16.1	99S
95	ARAGON 3	60S	10MS	40MS	000	90S	90S	47.5	90S
96	CO 692413	60S	20S	80S	000	70S	70S	41.2	80S
97	CO 692466	70S	20S	80S	10S	70S	80S	51.0	99S
98	CO 692547	60S	15MS	80S	000	80S	90S	36.4	90S
99	CO 692547	70S	10MS	80S	10MS	70S	90S	32.1	90S
100	PS-CK	60S	20S	80S	40VS	70S	70S	55.9	99S
101	CO 702269	30S	20S	40MS	10R	60S	60S	21.1	60S
102	CO 701967	40S	05MR	60S	000	40S	05S	27.2	80S
103	CO 692880	60S	10MR	60S	10MR	50S	60S	38.0	99S
104	CO 692936	60S	15MS	70S	40VS	80S	80S	54.5	99S
105	CO 693494	70S	20S	70S	20VS	80S	90S	49.2	90S
106	CO 695366	30S	20S	70S	000	30S	60S	34.6	99VS
107	CO 695375	30S	15S	60S	000	50S	60S	28.0	99VS
108	CO 696185	20S	15S	40MS	000	50S	60S	16.9	60S
109	CO 69317	80S	000,10S	50MS	10S	70S	80S	46.2	99S
110	CO 696753	30S	20MS	40MS	000	20S	30MS	22.3	90S
111	CO 696795	30S	15MS	20S	000	0TR	40S	24.4	99S
112	CO 697049	30S	05MS	40MS	000	80S	50S	31.1	99S
113	CO 699225	40S	10S	40MS	000	60S	70S	38.9	99S
114	CO 699272	50S	15S	70S	10MS	90S	70S	53.6	99S
115	CO 699361	50S	20S	60S	10S	40S	20MS	31.2	80MS
116	CO 699370	20S	10MS	60S	000	60S	70S	22.0	70S
117	CO 699442	0TR	10MS	40MS	000	30S	80S	24.6	80S
118	CO 912069	30S	15S	20MS	000	90S	60S	16.8	90S
119	CO 912079	40S	05R	10R	000	60S	50S	11.9	60S
120	PS STRAW	60S	10MS	70S	30VS	70S	70S	59.1	99S

-69-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
81	CO 701420	99S	99S	99S	60MS-60S	20MS	99S	80VS	0TR	05S	60.5	99S
82	NR68435	80S	99S	99S	50S	10MR-10MS	99S	40VS	20S-30S	0TR	54.5	99S
83	NR68455	05MS	10M	30MS	05MR-10S	20MR-20MS	99S	20VS	05S-10S	0TR	18.6	99S
84	NR68521	05MS	30MR	20M	20MS	000	99S	10S	0TR	0TR	17.0	99S
85	S66R5803	000	000	10R	30S	0TR	30MS	01MS	0TR	000	6.3	30S
86	S68R7164	80S	60MS	99S	50S	20MS-20S	50MR	15MS	05S	0TMR	36.7	99S
87	RC 3546-6	000	70MS	30MS	20MR	000	10MR	01R	0TR	0TR	10.2	70MS
88	JO-DAR	0TMR	000	0TMR	000	---	30S	000	---	---	5.1	30S
89	RELJKA 5	80S	60MS	30MS	70S	0TR	80S	02S	20S-30S	000	36.0	80S
90	PERWENETZ	0TMR,30MS	40MS	20MS	15MR	000	99S	01R	0TR	000	17.0	99S
91	PETRO 7	60S	05R	05R	20MS	20MR	50S	20MS	20S-30S	10S	20.2	60S
92	CHAMPLEIN	20MS	10MR	10MR	10MS	000	30S	0TR	0TR	000	6.9	30S
93	DAG 3425	80S	90S	90S	90S	90S	99S	40VS	10S-20S	000	65.4	99S
94	VFNENY	20S	10MR	30MS	30MS	000	80S	01S	0TR	000	17.0	80S
95	ARAGON 3	40S	000	20MR	40S	000	50S	01MR	0TR	000	15.4	50S
96	CO 692413	90S	99S	99S	30MS-30S	---	99S	30VS	10S-20S	05S	57.0	99S
97	CO 692466	99S	80S	90S	60S	80S	99S	30VS	05S-10S	0TS	60.1	99S
98	CO 692547	50S	10R	40MS	30MS	10MR-10MS	99S	10S	20S	05MS	27.1	99S
99	CO 692547	90S	70MS	90S	40MS	30MS	99S	50VS	10MR	0TMS	49.5	99S
100	PS-CK	99S	99S	99S	60S	20MS	50S	30VS	70S-80S	05S	58.6	99S
101	CO 702269	10MS	000	000	15MR	000	80S	30MS	0TR	10S	14.2	80S
102	CO 701967	0TMR	05MR	20MR	20MS	000	80S	01MR	0TR	0TMS	11.9	80S
103	CO 692880	70S	10R	10M	60S	000	80S	02S	05S-10S	0TR	25.0	80S
104	CO 692936	20S	40MS	60MS	20MS	30MS-30S	80S	10S	10S-20S	10S	27.7	80S
105	CO 693494	99S	99S	99S	80S	40S	80S	40MS	50S-60S	05S	64.8	99S
106	CO 695366	10S	50MS	80S	15MR-15MS	20MS-20S	80S	05S	10S	05S	28.0	80S
107	CO 695375	05S	20MR	90S	10MR	10MS	80S	01M	10S-20S	05S	23.4	90S
108	CO 696185	50S	90S	10R	20MR-20MS	000	80S	15S	0TR	0TS	27.3	90S
109	CO 69317	70S	80S	60MS	90S	20MR-20MS	80S	20VS	20S-30S	0TS	46.3	90S
110	CO 696753	0TMR	0TR	20MS	15MR	0TR	80S	01R	0TMS	0TR	11.5	80S
111	CO 696795	0TMR	10MR	20MR	05R	000	40MS	01R	0TR	000	5.1	40MS
112	CO 697049	0TMR	10R	10MR	40MS	000	70S	01R	0TR	0TR	12.2	70S
113	CO 699225	90S	90S	99S	70S	000	80S	25MS	05MS-02S	000	50.3	90S
114	CO 699272	90S	99S	90S	30MS	70S	80S	20VS	05S-10S	000	53.1	99S
115	CO 699361	05R	40M	70MS	40MS	30S	80S	05R	0TR	000	24.9	80S
116	CO 699370	30MR	60MS	90S	60S	000	80S	02S	0TR	05S	33.0	90S
117	CO 699442	05MR	90S	90S	80S	05R	80S	02S	0TR	05S	38.9	90S
118	CO 912069	0TMR	40MS	70S	50MS	20MR-20MS	50S	10S	10S	10S	25.6	70S
119	CO 912079	05MR	30MS	30MS	70S	40MS-40S	50MS	25VS	10S-20S	0TS	25.3	70S
120	PS STRAW	99S	99S	99S	90S	20MS-20S	99S	20VS	70S-80S	10S	66.8	99S

81-120 E

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PRORSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
81	CO 701420	60	25	60	90	10	49.0	90	2
82	NB68435	60	25	40	30	20	35.0	60	1
83	NB68455	50	10	70	05	0T	27.2	70	1
84	NB68521	60	20	30	10	40	32.0	60	3
85	S66R5803	50	60	30	50	20	42.0	60	2
86	S68R7164	20	05	30	0T	20	15.2	30	2
87	RC 3546-6	40	15	40	10	20	25.0	40	-
88	JO-DAR	70	10	00	00	00	16.0	70	1
89	HELJSKA 5	60	20	80	40	40	48.0	80	2
90	PERWENETZ	60	20	60	05	0T	29.2	60	1
91	PETRO 7	60	25	60	75	0T	44.2	75	1
92	CHAMPLEIN	20	10	40	15	00	17.0	40	2
93	DAG 3425	40	02	00	10	10	12.4	40	1
94	VENENY	60	25	40	70	10	41.0	70	1
95	ARAGON 3	50	50	30	80	20	46.0	80	-
96	CO 692413	50	40	00	05	20	23.0	50	1
97	CO 692466	60	25	00	40	20	29.0	60	1
98	CO 692547	50	20	50	20	20	32.0	50	2
99	CO 692547	60	20	40	50	0T	34.2	60	2
100	PS-CK	40	20	50	40	10	32.0	50	-
101	CO 702269	40	05	00	15	0T	12.2	40	1
102	CO 701967	60	60	40	85	0T	49.2	85	2
103	CO 692880	50	10	30	75	0T	33.2	75	1
104	CO 692936	60	20	40	70	10	40.0	70	1
105	CO 693494	50	60	40	90	10	50.0	90	2
106	CO 695366	10	20	30	05	10	15.0	30	1
107	CO 695375	40	10	50	50	0T	30.2	50	2
108	CO 696185	20	20	40	10	0T	18.2	40	1
109	CO 69317	40	30	30	95	0T	39.2	95	1
110	CO 696753	40	10	50	40	0T	28.2	50	-
111	CO 696795	20	10	40	05	0T	15.2	40	-
112	CO 697049	05	10	00	0T	0T	3.4	10	1
113	CO 699225	20	15	50	0T	0T	17.4	50	1
114	CO 699272	20	20	70	10	40	32.0	70	1
115	CO 699361	30	25	70	50	10	37.0	70	-
116	CO 699370	20	10	00	0T	10	8.2	20	1
117	CO 699442	50	70	60	80	20	56.0	80	2
118	CO 912069	50	25	70	75	0T	44.2	75	2
119	CO 912079	40	05	70	05	0T	24.2	70	-
120	PS STRAW	50	15	60	60	0T	37.2	60	-

81-120 F

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
81	CO 701420	3	8	5.5	8
82	NB68435	-	3	3.0	3
83	NB68455	2	2	2.0	2
84	NB68521	2	2	2.0	2
85	S66R5803	-	4	4.0	4
86	S68R7164	1	4	2.5	4
87	BC 3546-6	-	2	2.0	2
88	JO-DAR	2	-	2.0	2
89	RELJSKA 5	-	2	2.0	2
90	PERWENETZ	2	2	2.0	2
91	PETRO 7	-	2	2.0	2
92	CHAMPLEIN	2	2	2.0	2
93	DAG 3425	-	2	2.0	2
94	VENENY	-	2	2.0	2
95	ARAGON 3	2	2	2.0	2
96	CO 692413	-	3	3.0	3
97	CO 692466	2	3	2.5	3
98	CO 692547	2	4	3.0	4
99	CO 692547	3	6	4.5	6
100	PS-CK	-	2	2.0	2
101	CO 702269	2	2	2.0	2
102	CO 701967	-	2	2.0	2
103	CO 692880	2	2	2.0	2
104	CO 692936	4	2	3.0	4
105	CO 693494	2	2	2.0	2
106	CO 695366	1	6	3.5	6
107	CO 695375	1	2	1.5	2
108	CO 696185	2	2	2.0	2
109	CO 69317	4	2	3.0	4
110	CO 696753	3	2	2.5	3
111	CO 696795	2	1	1.5	2
112	CO 697049	-	1	1.0	1
113	CO 699225	-	1	1.0	1
114	CO 699272	-	1	1.0	1
115	CO 699361	-	4	4.0	4
116	CO 699370	-	2	2.0	2
117	CO 699442	2	2	2.0	2
118	CO 912069	1	7	4.0	7
119	CO 912079	3	7	5.0	7
120	PS STRAW	-	3	3.0	3

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA		KOREA		SUMMARY	
		PROBSTDORF		SUWON		AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
81	CO 701420	8		5		6.5	8
82	NB68435	6		4		5.0	6
83	NB68455	6		4		5.0	6
84	NB68521	6		3		4.5	6
85	S66R5803	2		3		2.5	3
86	S68R7164	5		4		4.5	5
87	BC 3546-6	7		2		4.5	7
88	JO-DAR	0		3		1.5	3
89	RELJSKA 5	6		3		4.5	6
90	PERWENETZ	3		3		3.0	3
91	PETRO 7	5		6		5.5	6
92	CHAMPLEIN	5		0		2.5	5
93	DAG 3425	3		0		1.5	3
94	VENENY	5		0		2.5	5
95	ARAGON 3	5		3		4.0	5
96	CO 692413	5		1		3.0	5
97	CO 692466	5		3		4.0	5
98	CO 692547	6		3		4.5	6
99	CO 692547	6		3		4.5	6
100	PS-CK	5		2		3.5	5
101	CO 702269	3		2		2.5	3
102	CO 701967	5		2		3.5	5
103	CO 692880	5		4		4.5	5
104	CO 692936	3		4		3.5	4
105	CO 693494	3		5		4.0	5
106	CO 695366	2		3		2.5	3
107	CO 695375	3		3		3.0	3
108	CO 696185	1		2		1.5	2
109	CO 69317	3		2		2.5	3
110	CO 696753	5		3		4.0	5
111	CO 696795	2		4		3.0	4
112	CO 697049	3		3		3.0	3
113	CO 699225	2		2		2.0	2
114	CO 699272	2		2		2.0	2
115	CO 699361	2		8		5.0	8
116	CO 699370	3		6		4.5	6
117	CO 699442	2		3		2.5	3
118	CO 912069	3		2		2.5	3
119	CO 912079	4		2		3.0	4
120	PS STRAW	5		2		3.5	5

-73-

81-120 H

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
121	CO 912094	0TR	05S	000	30MS	000	000	05R	05S-10S
122	CO 912150	10MR	20S	000	20MR-99VS	000	0TR	10R	05S
123	CO 701224	20S	60S	000	50MS	000	0TR-05M	10MR	40S-50S
124	CO 701226	000	10S	000	10MR	000	0TVR	---	0TR
125	CO 701247	10MR	05MS	000	80MS	000	000	10R	0TR
126	CO 701250	05MR	05S	000	80MS	000	65MS	---	20S-30S
127	CO 701254	000	40S	000	30MS	40MS	10MS	10R	10MS-10S
128	CO 701266	000	30S	000	30MR	000	000	---	05S-10S
129	CO 701272	000	05S	000	50MS	000	40MS	---	0TR
130	CO 701278	000	70S	000	80S	000	40MS	25MR	0TR
131	CO 701288	10MR	60S	30S	80S	70MS	0TR,25MS	---	10MR
132	CO 701309	01TR	05MS	000	60S	10MS	000,05MS	10R	05S-10S
133	CO 701317	000	30S	000	30MR	10MS	0TR	25MR	10S
134	CO 701318	01TR	30S	000	10MR	10MS	000,05MR	---	10S
135	CO 701326	20S	20S	000	40S	20MS	0TR,65MS	10MR	40S-50S
136	CO 701347	000	20S	000	30MR	10MS	0TR	10R	0TR
137	CO 701354	0TR	05S	000	20MR	000	0TVR	---	0TR
138	CO 701368	03MR	0TMS	000	50S	10MS	0TR,40S	10S	0TR
139	CO 701413	03R	70S	000	80S	20MS	0TVR	---	0TR
140	PS STRAW	50S	80S	80S	80VS	90MS	10S	25S	70S
141	CO 701439	05R	05S	05R	60MS	10MR	10MR	05R	0TR
142	CO 701459	03R	0TS	000	40MS	30MS	0TR	---	0TR
143	CO 701531	03R	40S	000	40MR	30MS	0TVR	---	0TR
144	CO 701592	01TR	10S,30S	10MS	50MR	20MS	0TVR	---	0TR
145	CO 701976	01TR	05S	000	80MS	000	0TVR	---	0TR
146	CO 701979	000	05MR	000	80MS	20MS	0TR-05M	05R	0TR
147	CO 701990	01TR	05S	000	80S	000	0TR-25MS	---	0TR
148	CO 702004	05R	10S	000	60S	000	0TR-65S	05R	10S-20S
149	CO 702012	20S	10S	000	80VS	000	0TR	---	10MS-10S
150	CO 702028	10R	20S	000	80VS	40MS	000	10R	0TR
151	CO 702030	03MR	10S	000	80VS	60MS	000	---	0TR
152	CO 702045	000	20S	000	60VS	30MS	0TVR	---	0TR
153	CO 702055	20S	20S	000	60MS	80MS	000	10MR	0TR
154	CO 702056	03MR	40S	000	30MR	40MS	000,25MS	05R	0TR
155	CO 702060	01TR	05S	000	80S	000	0TR	---	0TR
156	CO 702069	01TR	05MR	000	40MS	000	000-05R	---	0TR
157	CO 702072	03R	30S	000	80MS	50MS	0TR-25S	10R	05S-10S
158	CO 702075	0TR	05S	000	60S	20MS	0TR-40MS	---	0TR
159	CO 702078	0TR	05S	000	30MR	000	20MS	---	0TR
160	PS STRAW	80S	90S	90S	60S	90MS	65MS	25S	60S-70S

121-160 A

-74-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

		REP.							SUMMARY	
		S. AFRICA	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES				
ENTRY NO.	STATION CODE			LA		MINNESOTA	PUERTO	PUERTO	AVERAGE	HIGHEST READING
		BETHLEHEM	ANKARA	ESTANZUELA	KRAGUJEVIC	ST. PAUL	RICO MAYAGUEZ	RICO LAJAS	COEFFICIENT OF INFECTION	
121	CO 912094	---	20S	0TS	60MS-0TMS	0TMR	20MR	30MR	8.9	60MS
122	CO 912150	05S	20MS	---	60MS	0TMS-0TS	30S	40S	12.7	60MS
123	CO 701224	05S	60S	05S	80VS	0TMR	70S	40S	28.3	80VS
124	CO 701226	0TMR	10MR	0TS	30MS	0TR	05R	30R	3.6	30MS
125	CO 701247	0TMR	60S	000	30MS	0TR-0TS	05MS	20MR	11.3	80MS
126	CO 701250	0TS	40S	0TS	40MS	0TMS-0TS	80S	50S	24.8	80S
127	CO 701254	40MS	20MR	0TS	000,50MS	10S	90S	80S	22.3	90S
128	CO 701266	25MS	10R	000	000,70MS	10S	60S	50S	13.5	60S
129	CO 701272	20S	20MR	000	000	0TMS-0TS	80S	50S	16.8	80S
130	CO 701278	0TS	20S	000	0TMS	05MS-05S	90S	70S	25.2	90S
131	CO 701288	65S	40S,10R	000	000,70MS	0TMS-0TS	90S	80S	36.4	90S
132	CO 701309	05S	20S	000	30MS	10MS-10S	90S	40S	17.8	90S
133	CO 701317	0TMR	40S	000	30MS	0TMS-0TS	50MR	30S	12.3	40S
134	CO 701318	05S	40S	000	30MS	0TR	90MS	40MR	15.0	90MS
135	CO 701326	30S	60S	000	80VS	0TMR	50MS	60S	27.3	80VS
136	CO 701347	65MS	60S	000	0TVS-40VS	05MS-05S	---	50S	14.9	60S
137	CO 701354	000,05MR	20MS	000	000	0TR	40R	10S	3.4	20MS
138	CO 701368	20MR	80S	000	80MS	0TMS-0TS	50MS	50MS	20.2	80S
139	CO 701413	65MS	80S	000	000,60MS	10MS-10S	05R	60S	26.2	80S
140	PS STRAW	99S	99S	0TS	99VS	60S	90S	30R-30MS	61.4	99VS
141	CO 701439	85S	40S	000	000,30MR	05S	---	---	14.9	85S
142	CO 701459	50R	60S	000	30MR	05MR	---	30S	13.2	60S
143	CO 701531	05S	40S	000	000,50MS	05MR	---	---	10.6	40S
144	CO 701592	000	40S	000	000,10MR	05S	20S	0TR,10S	8.6	40S
145	CO 701976	000	60S	000	10VR,0TS	0TR	---	20R	10.5	80MS
146	CO 701979	0TR	60S	000	0TVS-40VS	0TR	---	40S	13.2	80MS
147	CO 701990	000	10MS	0TS	50MS	0TR	10R	30MR	10.6	80S
148	CO 702004	0TR	20S	0TS	50VS	0TMR	80S	80MS	19.8	80S
149	CO 702012	05R	60S	000	50VS	10S	70S	60S	26.3	80VS
150	CO 702028	20S	10S	0TS	50VS	40S	60S	60S	25.1	80VS
151	CO 702030	10R	20MS	---	0TVS-40VS	05MS-05S	50S	60S	20.9	80VS
152	CO 702045	10S	40MS	---	0TVS-10VS	10MS-10S	---	30S	15.4	60VS
153	CO 702055	0TS	0TR	---	70S	10MS-10S	50MS	70S	24.6	70S
154	CO 702056	20R	05R	0TS	10MS	05MS	70S	30MR	12.4	70S
155	CO 702060	20MS	10MS	---	10MS	0TR	05R	0TR,20S	9.2	80S
156	CO 702069	20S,20MR	20S	---	0TVS-30VS	0TR	10R	10MR-10MS	6.3	40MS
157	CO 702072	30S,15MR	20MS	0TS	0TVS-99VS	0TR	05R	30S,40MR	14.7	80MS
158	CO 702075	15S	20MS	---	15VR,80MS	0TR	05R	20S	10.5	60S
159	CO 702078	20S,30MR	20MR	---	50MS	0TR	000	10S	8.5	50MS
160	PS STRAW	99S	80S	10S	99VS	60S	90S	80S	69.8	99VS

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
121	CO 912094	000	10MR	10VR	25R	65S	---	80S	---
122	CO 912150	05S	000	30MS	25R	40S	---	02MS	10R
123	CO 701224	000	000	05R	0TR,25S	65S	---	05S	10R
124	CO 701226	0TMS	000	05R	0TR,25MS	40MR	---	20S	0TR-0TS
125	CO 701247	000	000	40MR	0TR	40MR	0TVR	02S	10MS
126	CO 701250	000	05MR	05MR-60MS	0TR-25MS	40MR	05MR	10S	80S
127	CO 701254	0TMR	05MR	20MR	10R	65S	25MR	20S	10MS
128	CO 701266	000	000	20M	05R-40MS	65S	25MS	02S	05MR
129	CO 701272	000	05MR	10MR	10MR-65S	25MR	10MS	10S-000	05R
130	CO 701278	000	000	80S	05MR-65S	40MR	0TMR	20MS-000	30S
131	CO 701288	000	20MR	50MS	0TR-65S	10R	05MR	000	20R
132	CO 701309	000	000	70MS	0TR-65MS	65S	05MR	99S	40S
133	CO 701317	000	20MR	40M	0TR-25S	65S	0TMR	60S	40S
134	CO 701318	000	000	10R	0TR	10R	20R	05MS	20R
135	CO 701326	000	000	20M	40MS	65S	40MS	40MS	---
136	CO 701347	000	000	10M	0TR,65S	65MR	65MS	02MS,20S	10R
137	CO 701354	000	000	05MR	0TR-10MS	10R	000	000	---
138	CO 701368	000	05MR	20M	0TR-65MS	65S	10MR	80S	---
139	CO 701413	05MS	05MR	80S	0TR-65S	65S	50MS	60S	10MS
140	PS STRAW	000	40MS	99VS	65S	40S	85S	99S	40S
141	CO 701439	000	000	10MR	10MR	10R	65MS	000	---
142	CO 701459	000	000	10R	10MR	05R	10R	0TS	05MR
143	CO 701531	000	05MR	20MR	0TR,25M	10R	000	0TMS	05R
144	CO 701592	10S	20MR	05R	05M-65S	25MR	000	80S	---
145	CO 701976	000	05MR	10R	0TVR	---	0TS	10MS	20R
146	CO 701979	000	000	05VR,99VS	0TR-05M	10R	0TR	0TS,99S	000
147	CO 701990	000	10MR	70MS	40MS	10R	0TR	40S	10R
148	CO 702004	15S	05MR	80S	10MR-65S	65S	20MR	05MS	0TR-0TS
149	CO 702012	000	000	50MS	0TR-65S	40S	05MR	60S	05R
150	CO 702028	05S	10MS	40MS	45MS	40R	40MR	20S	30MS
151	CO 702030	000	000	30MR	0TVR	10R	0TMR	10S	05R
152	CO 702045	000	000	40M	0TVR	10R	10MS	000	05R
153	CO 702055	10MS	50MR	99VS	25S-99S	40S	0TR	80S	40MS
154	CO 702056	0TMS	000	90S	0TR-25MS	10R	0TR	60S	05R
155	CO 702060	000	000	20MR	0TR-25MS	25MR	10MR	20S	10R
156	CO 702069	000	000	30MR	0TR-05R	40MR	10MR	02MS	10R
157	CO 702072	000	10MR	10MR	0TR-10MS	40MR	40R	40S	10R
158	CO 702075	000	000	80S	0TR-25S	40MR	65S	20S	10R
159	CO 702078	30S	10MS	90S	10MR-99S	25MR	40MR	50S	20R
160	PS STRAW	000	60MS	99VS	000-99S	40S	75S	60S	90S

-96-

121-160 C

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
121	CO 912094	20S	20S	0TS	0TR	20MR	30S	19.6	80S
122	CO 912150	30S	05MS	10S	000	05S	05S,40S	10.1	40S
123	CO 701224	05S	05MS	10S	000	40S	50S	14.0	65S
124	CO 701226	30S	02R	20MS	000	30S	40S	11.8	40S
125	CO 701247	0TR	02R	10MS	000	10MR	0TS	4.0	40MR
126	CO 701250	40S	05R	20MR	000	50S	40S	17.9	80S
127	CO 701254	20S	15MS	20MR	000	20MS	20MS	13.3	65S
128	CO 701266	30S	10MS	20MR	000	10MS	20MS	12.2	65S
129	CO 701272	10S	05MR	30S	000	000	05MR	5.9	30S
130	CO 701278	50S	05S	40S	000	50S	50S	24.2	80S
131	CO 701288	20S	10MS	10S	000	000	10MR	7.0	50MS
132	CO 701309	60S	05MR	60S	20S	60S	70S	38.1	99S
133	CO 701317	60S	10S	50MS	000	70S	50S	30.5	70S
134	CO 701318	000	02MR	10S	000	20MR	50S	6.0	50S
135	CO 701326	70S	05S	20S	000	70S	60S	30.6	70S
136	CO 701347	30S	05MS	10S	000	30MS	40M	12.8	65MS
137	CO 701354	0TR	01MR	0TR	000	000	000	0.3	10R
138	CO 701368	60S	10MS	60S	000	40S	70S	30.8	80S
139	CO 701413	60S	15S	10MS	0TR	10S	30S	27.3	80S
140	PS STRAW	60S	15S	60S	30VS	80S	70S	55.3	99S
141	CO 701439	20S	000,05MS	30S	60VR	90S	50S	20.3	90S
142	CO 701459	000	01R	30MS	000	10S	10MS	3.8	30MS
143	CO 701531	000	05R	10MR	000	05S	10MR	2.0	20MR
144	CO 701592	40S	10MS	30S	20R	20S	40S	19.5	80S
145	CO 701976	000	01R	10MR	20R	000	10R	2.1	10MS
146	CO 701979	0TR	10MS	0TS	000	000	10R	1.1	10MS
147	CO 701990	30S	05MR	60S	000	50S	50S	23.4	60S
148	CO 702004	50S	10S	40S	000	40S	40S	25.5	80S
149	CO 702012	40S	15S	10MR	000	30S	30S	18.7	60S
150	CO 702028	50S	05M	70S	0TR	80S	80S	30.8	80S
151	CO 702030	0TR	10S	20MS	000	10S	10S	5.1	20MS
152	CO 702045	000	01S	10MR	000	000	30S	5.0	30S
153	CO 702055	50S	10S	60S	0TR	20S	80S	37.4	99VS
154	CO 702056	30S	10S	40MS	000	60S	20MS	21.5	90S
155	CO 702060	60S	05S	10MR	000	70S	20MS	14.2	70S
156	CO 702069	0TR	000	10MR	10VR	000	0TMS	3.0	40MR
157	CO 702072	40S	05M	10MR	000	20MS	40MS	12.0	40S
158	CO 702075	40S	02MR	10R	10VR	30S	20MS	19.5	80S
159	CO 702078	20S	05R	40MS	20VR	20MS	40S	23.2	90S
160	PS STRAW	60S	20S	70S	40VS	70S	70S	53.0	99VS

-47-

121-160 D

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
121	CO 912094	05MS	60MS	70S	60S	10MS	30MS	10S	05S-10S	10S	26.5	70S
122	CO 912150	30S	20MS	40MS	50S	10MR-10MS	30MS	20VS	0TR	10S	20.2	50S
123	CO 701224	99S	90S	60S	80S	40MS	99S	30VS	40S-50S	0TS	59.0	99S
124	CO 701226	05MS	10MR	30MS	40MS	000	99S	10MS	20S-30S	20S	23.4	99S
125	CO 701247	50S	10MR	70S	50MS	0TR	99S	05M	40S-50S	0TS	34.1	99S
126	CO 701250	60S	99S	90S	20MS	0TR	99S	10S	40S-50S	10S	47.1	99S
127	CO 701254	50S	10R	05R	60MS	10MR	99S	10S	10S	20S	27.1	99S
128	CO 701266	30S	30MS	60MS	30MS,90S	20MR-20MS	70S	05S	40S	05MS	28.1	70S
129	CO 701272	0TMS	0TR	20MR	15MR	000	50S	02M	20S-30S	05S	10.1	50S
130	CO 701278	05MS	05MR	30MS	20MR	000	80S	---	0TR	10S	16.0	80S
131	CO 701288	05MR,30S	10MR	30M	35MS	000	80S	01MR	40S-50S	10S	20.2	80S
132	CO 701309	40S	70MS	40MS	80S	30MS-30S	80S	50VS	30S	05S	44.1	80S
133	CO 701317	05S	20MR	60MS	70S	20MR-20MS	80S	15VS	20S-30S	000	28.2	80S
134	CO 701318	05S	30MS	20M	80S	05R	50S	02R,10S	0TR	000	19.1	80S
135	CO 701326	05MS	40MS	000	40MS	10MR	50S	05M	30S-40S	05S	17.7	50S
136	CO 701347	60S	70MS	10R	50S	20MS	50S	05S	10S	0TMS	27.7	60S
137	CO 701354	0TMR	000	000	10MR	000	99S	02R	0TR	0TMS	11.6	99S
138	CO 701368	99S	99S	99S	90S	70S	99S	90VS	50S-60S	80S	86.2	99S
139	CO 701413	05R	50MS	20R	90S	000	99S	15M	0TR	80S	35.9	99S
140	PS STRAW	90S	99S	90S	40MS	20MR-20MS	99S	30VS	80S	99S	69.6	99S
141	CO 701439	50S	30M	30M	25MS	05MR	99S	15S	05S-10S	40S	29.6	99S
142	CO 701459	000	60MS	60MS	60S	000	99S	02M	10S	60S	36.2	99S
143	CO 701531	10R	05R	20MR	60S	000	99S	02MR	0TR	40S	23.4	99S
144	CO 701592	000,80S	30R	70MS	40MR-40MS	20MR	99S	20R	0TR	40S	25.4	99S
145	CO 701976	0TR	10MR	10R	60S	05R	99S	05S	0TR	60S	25.7	99S
146	CO 701979	000,90S	50MS	10MR	50S	10MR-10MS	99S	02MR,02MS	20S-30S	60S	30.8	99S
147	CO 701990	50S	20MR	05R	60S	000	99S	15S	05MS-05S	10MS	27.2	99S
148	CO 702004	30S	70MS	70MS	80S	10R-10MR	99S	25MR,25MS	05S-10S	20S	39.7	99S
149	CO 702012	20S	20MR	10MR	40MS-40S	000	99S	25MS	10S	60S	28.1	99S
150	CO 702028	90S	80MS	70MS	80S	20MR-20MS	99S	60VS	20S-30S	10S	54.1	99S
151	CO 702030	000	80MS	40MS	20MR	10MR-10R	60S	02M	20S	0TR	21.0	80MS
152	CO 702045	000	0TR	10R	20MR	0TR	80S	02R,02MR	0TR	10S	11.2	80S
153	CO 702055	70S	99S	99S	40S	90S	40S	50VS	40S	10S	59.7	99S
154	CO 702056	0TMR	20M	20R	30MS	10MR	40S	05R	0TR	0TR	9.5	40S
155	CO 702060	60S	80S	70S	50MS	0TR	40S	15MS	0TR	0TMR	33.6	80S
156	CO 702069	05MS	20MR	40MS	20MR-20MS	000	80S	05R	0TR	000	14.8	80S
157	CO 702072	20S	90S	80S	40MS,90S	10MR-10MS	80S	15VS	05S-10S	05MS	36.6	90S
158	CO 702075	0TR	0TR	0TR	20MR	05MR	99S	02R	0TR	0TR	12.2	99S
159	CO 702078	000	000	000	20MR	000	60S	02R	0TR	0TR	7.6	60S
160	PS STRAW	90S	99S	99S	80S	20MR	99S	25VS	60S-70S	20S	64.4	99S

121-160 E

-78-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
121	CO 912094	40	05	70	0T	0T	23.4	70	2
122	CO 912150	20	10	50	05	10	19.0	50	1
123	CO 701224	40	10	00	0T	10	12.2	40	1
124	CO 701226	30	05	30	0T	10	15.2	30	1
125	CO 701247	20	25	00	0T	20	13.2	25	1
126	CO 701250	40	15	40	0T	20	23.2	40	-
127	CO 701254	40	30	60	60	20	42.0	60	2
128	CO 701266	20	15	40	0T	20	19.2	40	1
129	CO 701272	10	20	50	0T	40	24.2	50	-
130	CO 701278	30	--	70	15	40	38.7	70	1
131	CO 701288	40	20	00	0T	40	20.2	40	1
132	CO 701309	40	30	40	05	0T	23.2	40	2
133	CO 701317	30	20	30	0T	40	24.2	40	1
134	CO 701318	10	05	40	0T	0T	11.4	40	3
135	CO 701326	20	15	00	15	40	18.0	40	1
136	CO 701347	40	20	50	85	20	43.0	85	-
137	CO 701354	05	02	30	0T	00	7.6	30	2
138	CO 701368	40	40	00	40	40	32.0	40	1
139	CO 701413	50	15	00	70	00	27.0	70	1
140	PS STRAW	40	10	50	60	10	34.0	60	-
141	CO 701439	50	30	40	30	10	32.0	50	-
142	CO 701459	50	15	50	40	0T	31.2	50	1
143	CO 701531	50	15	40	60	0T	33.2	60	1
144	CO 701592	40	10	50	50	0T	30.2	50	-
145	CO 701976	40	15	00	15	0T	14.2	40	3
146	CO 701979	40	60	43	40	10	38.6	60	2
147	CO 701990	20	25	30	05	0T	16.2	30	1
148	CO 702004	30	30	40	15	0T	23.2	40	2
149	CO 702012	20	10	50	0T	10	18.2	50	1
150	CO 702028	40	25	00	20	20	21.0	40	1
151	CO 702030	40	30	50	30	0T	30.2	50	2
152	CO 702045	20	20	50	0T	00	18.2	50	1
153	CO 702055	50	60	80	75	20	57.0	80	2
154	CO 702056	50	20	50	40	0T	32.2	50	1
155	CO 702060	40	20	60	05	10	27.0	60	2
156	CO 702069	10	05	00	0T	0T	3.4	10	2
157	CO 702072	20	05	50	40	00	23.0	50	2
158	CO 702075	40	20	50	0T	10	24.2	50	1
159	CO 702078	40	05	00	0T	00	9.2	40	1
160	PS STRAW	40	20	40	60	0T	32.2	60	-

121-160 F

-79-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
121	CO 912094	2	3	2.5	3
122	CO 912150	-	4	4.0	4
123	CO 701224	-	6	6.0	6
124	CO 701226	-	5	5.0	5
125	CO 701247	1	7	4.0	7
126	CO 701250	1	6	3.5	6
127	CO 701254	1	6	3.5	6
128	CO 701266	-	6	6.0	6
129	CO 701272	1	2	1.5	2
130	CO 701278	3	6	4.5	6
131	CO 701288	2	7	4.5	7
132	CO 701309	2	2	2.0	2
133	CO 701317	1	4	2.5	4
134	CO 701318	-	7	7.0	7
135	CO 701326	-	6	6.0	6
136	CO 701347	2	6	4.0	6
137	CO 701354	1	5	3.0	5
138	CO 701368	-	3	3.0	3
139	CO 701413	1	4	2.5	4
140	PS STRAW	-	2	2.0	2
141	CO 701439	3	8	5.5	8
142	CO 701459	1	8	4.5	8
143	CO 701531	3	8	5.5	8
144	CO 701592	-	3	3.0	3
145	CO 701976	1	4	2.5	4
146	CO 701979	2	5	3.5	5
147	CO 701990	-	3	3.0	3
148	CO 702004	2	5	3.5	5
149	CO 702012	-	2	2.0	2
150	CO 702028	1	4	2.5	4
151	CO 702030	-	6	6.0	6
152	CO 702045	1	7	4.0	7
153	CO 702055	-	2	2.0	2
154	CO 702056	2	3	2.5	3
155	CO 702060	-	6	6.0	6
156	CO 702069	1	7	4.0	7
157	CO 702072	-	5	5.0	5
158	CO 702075	3	3	3.0	3
159	CO 702078	-	2	2.0	2
160	PS STRAW	2	1	1.5	2

-88-

121-160 G

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA		KOREA	SUMMARY	
		PROBSTDORF	SUWON		AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
121	CO 912094	5	0		2.5	5
122	CO 912150	4	2		3.0	4
123	CO 701224	3	0		1.5	3
124	CO 701226	3	3		3.0	3
125	CO 701247	3	2		2.5	3
126	CO 701250	6	0		3.0	6
127	CO 701254	4	3		3.5	4
128	CO 701266	5	0		2.5	5
129	CO 701272	4	2		3.0	4
130	CO 701278	3	2		2.5	3
131	CO 701288	3	2		2.5	3
132	CO 701309	4	2		3.0	4
133	CO 701317	3	2		2.5	3
134	CO 701318	2	4		3.0	4
135	CO 701326	2	3		2.5	3
136	CO 701347	4	4		4.0	4
137	CO 701354	5	5		5.0	5
138	CO 701368	5	0		2.5	5
139	CO 701413	6	4		5.0	6
140	PS STRAW	7	4		5.5	7
141	CO 701439	7	3		5.0	7
142	CO 701459	7	3		5.0	7
143	CO 701531	7	0		3.5	7
144	CO 701592	6	7		6.5	7
145	CO 701976	7	7		7.0	7
146	CO 701979	6	4		5.0	6
147	CO 701990	6	4		5.0	6
148	CO 702004	6	5		5.5	6
149	CO 702012	5	1		3.0	5
150	CO 702028	6	5		5.5	6
151	CO 702030	7	2		4.5	7
152	CO 702045	7	4		5.5	7
153	CO 702055	6	5		5.5	6
154	CO 702056	8	4		6.0	8
155	CO 702060	6	6		6.0	6
156	CO 702069	6	6		6.0	6
157	CO 702072	5	2		3.5	5
158	CO 702075	6	2		4.0	6
159	CO 702078	6	4		5.0	6
160	PS STRAW	7	0		3.5	7

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
161	CO 702080	40S	05S	10MR	60MS	50MS	000,25S	05R	05S
162	CO 702088	10MR	0TMR	000	60MS	30MS	0TVR	---	0TR
163	CO 702090	000	0TS	000	60MS	10MS	0TVR	---	05MS-05S
164	CO 702095	000	20S	000	30MR	30MS	000	05R	0TR
165	CO 702099	05MR	70S	000	30MR	40MS	000,10MS	25MR	0TR
166	CO 702114	03MR	10S	000	80S	30MS	0TR	10R	0TR
167	CO 702140	000	05S	05R	70S	000-50MS	000	---	05S
168	CO 702150	03R	05MR,20S	000	80MS	000-30MS	0TVR	10MR	0TR
169	CO 702158	10MR	05S	000	80MS	000-70MS	000	---	0TR
170	CO 702173	20S	0TMR	000	80S	000	0TR-25MS	10R	0TR
171	CO 702179	03R	05S	000	40MS	20MS	0TR	---	0TMS-0TS
172	CO 702188	000	0TR	000	50MS	20MS	0TVR	---	05S
173	CO 702204	000	20S	000	000	20MS	0TVR	---	0TR
174	CO 702217	0TR	10S	000	30MS	40MS	000	10R	10S
175	CO 702234	60S	50S	000	10MR	30MS	000-10MS	---	0TMS
176	CO 702237	50S	20S	000	60MR	20S	000	---	05S
177	CO 702249	000	05S	000	60MS	000-30MS	0TR	25S	0TR
178	CO 702250	40S	0TMR	000	80S	20MS	0TR-05R	---	05S
179	CO 702252	20S	0TMS	000	30S	000	0TR-25MS	10MR	10S-20S
180	PS STRAW	70S	80S	60S	80VS	85MS	60S	25S	50S-60S
181	CO 702270	20MS	50S	000	80MS	70MS	0TR,40S	---	05S-10S
182	CO 702277	20MS	30S	000	50MR	60MS	0TR-05R	---	0TMS
183	CO 702291	10MR	05R	000	10MR	000	0TR-10MS	05R	0TR
184	CO 702314	0TR	05S	000	10MR	000	0TVR	05R	05S
185	CO 695711	03MR	40S	000	50MS	50MS	000	---	05S-10S
186	CO 672042	0TR	50S	000	60S	70MS	0TR-05MS	05R	0TR
187	CO 673075	000	10S	000	50MS	000	000	---	0TR
188	CO 701654	20MS	20S	000	40MR	60MS	000	---	0TR
189	CO 701694	000	30S	000	30MR	20MS	10MS	---	0TR
190	CO 701707	20S	30S	000	60S	50MS	0TR	---	0TR,05S
191	CO 701710	20S	30S	000	80S	70MS	0TR	25S	20S
192	CO 701714	10MR	30S	000	30MS	40MS	0TVR	---	0TR
193	CO 701716	000	20S	20MS	99VS	40MS	0TR,10MS	10MR	0TR
194	CO 701719	000	0TS	000	30S	30MS	000	---	0TR
195	CO 701733	03R	0TS	000	60S	40MS	000	---	0TR
196	CO 701744	0TR	0TS	000	50MS	30MS	000	10R	0TR
197	CO 701770	20MS	05S	000	40MS	35MS	0TR-10MS	---	0TR
198	CO 701778	20MS	10S	000	80MS	60MS	0TR-05M	---	05S-10S
199	CO 701780	03R	05S	000	80MS	30MR	000	---	0TR
200	PS STRAW	60S	80S	80S	99S	90MS	0TR-40MS	25S	60S

161-200 A

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP. S. AFRICA	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES		SUMMARY	
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	PUERTO RICO MAYAGUEZ	PUERTO RICO LAJAS	AVERAGE COEFFICIENT OF INFECTION HIGHEST READING
161	CO 702080	65S	20MR	10S	0TVS-99VS	0TR	10S	10MS	16.3 65S
162	CO 702088	65S,10MR	40S	---	0TMS-50MS	0TR	20S	20S	17.1 65S,10MR
163	CO 702090	25S	10MS	---	000,40MS	0TR	---	05R	7.9 60MS
164	CO 702095	000	10MS,20S	---	40MS	0TR	0TR	05R	7.0 40MS
165	CO 702099	0TS	10MS	---	0TMS-90MS	10S	40MR	30MR	12.4 70S
166	CO 702114	0TS	10MS	---	60VS	10S	40S	30MS	18.6 80S
167	CO 702140	0TR	10MR	0TS	99MS	05MS-05S	50MR	40MR	14.6 99MS
168	CO 702150	05S	60S	---	10S	05MS-05S	80MR	40S	15.8 80MS
169	CO 702158	0TR	20MS	0TS	80MS	05MS-05S	80MS	70S	20.8 70S
170	CO 702173	05MR	40S	05S	60MS	05MS	70S	20MS	19.1 80S
171	CO 702179	20R	40MS	0TS	80MS	05MS-05S	50S	30MS	16.6 80MS
172	CO 702188	10MR	60S	---	40MS	0TMR	50MS	10MR	15.5 60S
173	CO 702204	20MR	40MS	05S	60VS	0TMS-0TS	40S	10MR	13.3 60VS
174	CO 702217	10S	05MS	---	30MR	0TMS-0TS	50MS	40S	13.2 40S
175	CO 702234	10S	60S	0TS	80MS	10S	30MR	30MS	22.8 80MS
176	CO 702237	10S,20MR	60S	---	80MS	10S	70S	70S	31.0 70S
177	CO 702249	10S	10MR	---	20MR,60MS	0TMR	30MS	10R	9.0 60MS
178	CO 702250	20S,20MR	40S	---	80MS	0TMS	70S	40MR	27.1 80S
179	CO 702252	20S,20MS	20S	05S	40MS	0TMS	40MS	20MR	12.1 40MS
180	PS STRAW	85S	99S	70S	99VS	60S	90S	---	71.1 99VS
181	CO 702270	75S	40MS	0TS	80MS	05MS-05S	30R	---	28.7 75S
182	CO 702277	20S,30MR	40S	0TS	60MS	0TMS-0TS	50S	20MR	20.2 50S
183	CO 702291	50MS	05R	000	20MR	0TR	50S	10MR	7.5 50S
184	CO 702314	05S	20MR	000	40MS	05MS	90S	60S	14.2 90S
185	CO 695711	05MS	40S	000	0TMS-20MS	0TMR	---	---	14.2 40S
186	CO 672042	20MS	80S	0TS	0TMS-99MS	05MS-05S	30S	05R,10S	20.0 80S
187	CO 673075	05R	60S	0TS	70MS	0TR	10R	0TR	12.1 60S
188	CO 701654	000	80S	10S	0TVS	05MS-05S	---	40S	18.0 80S
189	CO 701694	0TR	40S	000	0TMS	0TR	30MS	20S	10.8 40S
190	CO 701707	65S,20MS	40S	000	40MS	10MS-10S	40S	40S	26.8 65S,20MS
191	CO 701710	10S	40S	0TS	10MS-99MS	10S	90S	60S	30.0 90S
192	CO 701714	10MS	40S	000	0TMS-50MS	10S	50R	40MR	12.5 40S
193	CO 701716	0TS,0TMR	60S	000	60MS	05MS-05S	40MR	20MR	20.5 99VS
194	CO 701719	20R	60S	000	40MS	0TR	---	---	12.6 60S
195	CO 701733	0TMR	60S	000	30MS	0TR	30MR	20MR	14.1 60S
196	CO 701744	20S,50MR	90S	000	40S	10S	40S	30S	19.8 90S
197	CO 701770	50R	60S	000	80S	0TR	20S,0TR	20S	19.4 80S
198	CO 701778	65S	40S	0TS	99VS	20S	30R	50S	30.3 99VS
199	CO 701780	75MS	40S	000	50MR	20S	50S	40MS	21.7 80MS
200	PS STRAW	99S	99S	05S	99VS	60S	70S	60S	64.5 99VS

161-200 B

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
161	CO 702080	000	05MS	90VS	0TR-65S	40S	40S	80S	05R
162	CO 702088	000	05MS	80S	05MS-40S	05R	000	30S	---
163	CO 702090	000	000	90MS	05R-25MS	10R	10MS	10S	---
164	CO 702095	000	10MS	20M	0TR-25MS	25R	000	20S	---
165	CO 702099	05MS	30MS	90S	05MS-25S	65S	0TS	60S	05R
166	CO 702114	000	000	99VS	25MS	65S	20S	60S	05R
167	CO 702140	000	20MR	30MR	0TR	40MR	000	10S	---
168	CO 702150	000	10MR	40M	0TR	65S	000	000,20S	05R
169	CO 702158	000	05MR	90S	0TR-10M	65S	0TMR	10S	0TR-0TS
170	CO 702173	000	000	90VS	05M-40MS	65S	10MR	10S	20MR
171	CO 702179	000	000	20R	0TR-05R	10R	10MR	10MS	05R
172	CO 702188	000	000	20R	0TR	10R	000	000	05R
173	CO 702204	000	000	30M	0TR	40MR	05MR	000	05R
174	CO 702217	000	000	90S	0TR-20MS	65S	000	0TS	05R
175	CO 702234	000	000	20MR	05R-20MS	10R	10R	05S	05R
176	CO 702237	000	000	10M	0TR,10S	40MR	50MR	10S	10MR
177	CO 702249	000	000	30MR	0TR-10MS	65S	000	0TS	05R
178	CO 702250	000	000	05MR	0TR-05M	10R	50R	05MS	05R
179	CO 702252	000	000	40M	05MR-40MS	40S	30MR	000	05R
180	PS STRAW	40S	40MS	99VS	60MS	65S	65MS	---	90S
181	CO 702270	000	000	05MR	0TR-40MS	10R	05S	05R	05R
182	CO 702277	000	000	05MR	000,05R	40MR	50MR	000	05R
183	CO 702291	000	000	70S	10MS	65S	000	000	05R
184	CO 702314	000	000	05MR	0TVR	65S	10MR	02MS	05R
185	CO 695711	000	000	80S	05MR-40MS	40S	05MS	99S	20MR
186	CO 672042	000	20MR	70MS	10MR	10R	20MS	10S	20MR
187	CO 673075	000	000	40M	000,05M	25MR	05MR	40MS	10R
188	CO 701654	000	000	20MR	0TR	65S	0TMR	40S	05R
189	CO 701694	000	10MR	90VS	05MS	40S	05MR	60S	30MS
190	CO 701707	000	10MR	99VS	0TR-60MS	05R	20MS	0TS	40MS
191	CO 701710	000	40MS	40M	05MR-40MS	25S	20MR	05S	05R
192	CO 701714	000	30MS	70MS	0TR-10M	05R	10MS	20S	05R
193	CO 701716	000	10MS	20M	0TR-20M	40MR	05S,20MR	000	---
194	CO 701719	000	30MS	10MR	0TR	10R	0TR	000	---
195	CO 701733	000	000	30M	10MR	10R	000	0TMS	05R
196	CO 701744	000	05MR	10MR	05MR	25R	50S	10MS	---
197	CO 701770	000	000	10MR,80MS	20MS	40R	000	80S,10MR	0TR-0TS
198	CO 701778	000	20MS	90MS	65S	65S	75MS	99S	40MS
199	CO 701780	000	20MR	10R	0TR-05MR	40MR	50S,05MR	000	10R
200	PS STRAW	05MS	60MS	99VS	60S	65S	65S	99S	90S

161-200 C

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
161	CO 702080	20S	05MR	40MS	000	40S	20MS	26.0	90VS
162	CO 702088	0TR	15MS	10R	70VR	0TS	60S	16.0	80S
163	CO 702090	10S	01MR	20MR	60VR	05S	40MS	12.3	90MS
164	CO 702095	30S	05MR	10MR	40VR	10MR	20MS	8.4	30S
165	CO 702099	50S	10MR	60S	0TR	60S	60S	34.5	90S
166	CO 702114	60S	10S	60S	0TR	50S	60S	36.0	99VS
167	CO 702140	50S	05MS	40S	000	80S	60S	21.5	80S
168	CO 702150	0TR	02M	10R	000	05S	30MS	9.0	65S
169	CO 702158	05S	05S	10R	000	05MS	30S	15.2	90S
170	CO 702173	20S	05S	60S	0TR	10S	60S	23.9	90VS
171	CO 702179	30S	01R	20MR	0TR	10MS	10MS	5.2	30S
172	CO 702188	0TR	000	20MR	000	30S	30S	5.3	30S
173	CO 702204	20S	000	40S	0TR	60S	60S	15.5	60S
174	CO 702217	20S	05S	10R	000	60S	20MS	18.5	90S
175	CO 702234	30S	05S	40MS	000	50S	60S	14.0	60S
176	CO 702237	30S	02R	30MS	000	30S	60S	14.3	60S
177	CO 702249	20S	02MR	30MS	000	10MS	20S	10.8	65S
178	CO 702250	20S	01R	20MR	000	20S	30S	6.9	30S
179	CO 702252	10S	01R	20MR	000	40MS	10M	9.6	40S
180	PS STRAW	60S	20S	60S	30VS	70S	60S	55.8	99VS
181	CO 702270	05S	02R	30MR	000	60S	60S	10.6	60S
182	CO 702277	000	05MR	30MR	000	30S	10MS	6.5	30S
183	CO 702291	30S	10MR	30MR	000	40S	40S	19.2	70S
184	CO 702314	000	05R	20MR	000	05S	20MS	7.4	65S
185	CO 695711	30S	15MS	60S	000	60S	60S	32.5	99S
186	CO 672042	30S	05MR	60S	000	70S	60S	23.2	70S
187	CO 673075	20MS	05R	50S	000	70S	60S	19.0	70S
188	CO 701654	05S	10MS	20MR	000	40S	20MS	13.6	65S
189	CO 701694	40S	15MS	60S	20VR	10MR	40MR	25.7	90VS
190	CO 701707	60S	15S	60S	000	80S	60S	30.5	99VS
191	CO 701710	20S	01R, 10MS	10MR	60VR	80S	40MS	17.5	80S
192	CO 701714	000	10MR	20MS	70VR	05MR	50S	14.0	70MS
193	CO 701716	20S	10M	20MR	000	40MS	80S	14.4	80S
194	CO 701719	50S	10MR	30MR	000	30R	40S	10.9	50S
195	CO 701733	20S	05M	30MR	000	40S	40S	10.0	40S
196	CO 701744	20S	05R	30MR	000	70S	20MR	14.0	70S
197	CO 701770	60S	10MS	40MS	000	20S	70S	21.3	80S, 10MR
198	CO 701778	60S	05MR	60S	10S	10MS	60S	43.5	99S
199	CO 701780	0TR	20MS	20MR	20MS	30S	20MR	11.1	50S, 05MR
200	PS STRAW	60S	25S	70S	20VS	70S	70S	60.3	99S

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA		FRANCE		NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
161	CO 702080	0TS	0TR	0TR	10MR	000	99S	10S	10S	10MS	14.7	99S
162	CO 702088	0TR	0TR	0TR	05MR	000	99S	02R	0TMS	0TR	11.4	99S
163	CO 702090	000	0TR	50M	20MR-20MS	05R	99S	40MR	05MS-05S	0TMR	17.6	99S
164	CO 702095	0TMS	10MR	30MS	10MR-10MS	10MR-10MS	99S	02R, 05M	05S-10S	000	15.6	99S
165	CO 702099	10S	20MR	50MS	60S	10MR-10MS	99S	20MR, 20S	0TR	000	25.4	99S
166	CO 702114	50S	99S	80S	40MS	60S	99S	20VS	20S	10S	52.2	99S
167	CO 702140	60S	70MS	60MS	80S	70S	99S	70VS	30S-40S	10S	58.1	99S
168	CO 702150	05MR	05R	20MR	20MR	000	80S	10S	05S-10S	05S	13.2	80S
169	CO 702158	05MS	80MS	30MS	30MS	10MS	80S	15VS	10S-20S	10S	26.5	80S
170	CO 702173	05S	70MS	80S	20MS	20MR-20MS	80S	25VS	50S-60S	30S	38.8	80S
171	CO 702179	0TS	0TR	0TR	20MR	10MS	60MS	20MS	05S-10S	0TS	9.7	60MS
172	CO 702188	0TS	40MS	20MS	25MS	000	80S	10S	05S-10S	30S	21.5	80S
173	CO 702204	000	05MR	000	05R	000	20MS	05S	0TR	000	2.6	20MS
174	CO 702217	0TMS	30MS	30MS	15MR	05R	60S	10MS	0TR	20S	16.0	60S
175	CO 702234	20S	10MR	0TR	25MS	000	80S	25MS	05S-10S	20S	18.8	80S
176	CO 702237	60S	30MS	05MR	05R	000	80S	30VS	20S-30S	05S	24.6	80S
177	CO 702249	0TMS	20MS	0TR	20MR	000	80S	05MR	40S-50S	40S	20.7	80S
178	CO 702250	20S	40M	30M	40MS	000	80S	25MS	10S-20S	05S	23.2	80S
179	CO 702252	05S	40MS	30MS	15MR	000	80S	05S	20S-30S	10S	20.2	80S
180	PS STRAW	90S	99S	80S	60S	90S	80S	30VS	60S-70S	10S	66.5	99S
181	CO 702270	50S	30M	05MR	40S	0TR	80S	50VS	30S-40S	20S	32.2	80S
182	CO 702277	000	40MS	40MS	15MS	000	80S	02M	0TMR	0TMR	17.5	80S
183	CO 702291	05MS	20MS	50MS	20MR	10R-10MR	40S	02M	05S-10S	30S	16.2	40S
184	CO 702314	05MS	000	0TR	05R-10MS	0TR	40S	02MR	10MS-10S	40S	10.4	40S
185	CO 695711	60S	90S	99S	40S	30MS	99S	01M	40S-50S	0TR	50.3	99S
186	CO 672042	60S	99S	90S	30MS	000	99S	02M	20S-30S	0TR	43.7	99S
187	CO 673075	000	05MR	0TR	30MS	000	99S	05R	0TR	0TR	14.0	99S
188	CO 701654	05S	60MS	30MS	50MS-50S	000	99S	02M	0TR	0TR	24.1	99S
189	CO 701694	05MS	10MR	10MR	20MR	000	99S	20MR	0TR	0TS	14.2	99S
190	CO 701707	90S	80S	80MS	60S	50S	99S	30VS	05MS-05S	05S	53.5	99S
191	CO 701710	0TR	70S	80S	70S	10MR-10MS	30MS	02S	0TR	05MS	28.2	80S
192	CO 701714	05S	20MR	30MR	30MR-30MS	000	80S	02R, 02S	0TR	05MS	13.5	80S
193	CO 701716	70S	99S	40MR	70MS-70S	20MS	99S	15S	05S-10S	0TMS	41.8	99S
194	CO 701719	80S	99S	90S	80S, 30MS	10MR-10MS	99S	10MS	05S-10S	05S	52.2	99S
195	CO 701733	0TR	80MS	70S	30MS	000	99S	02R	05MS-05S	0TR	29.0	99S
196	CO 701744	05MS	40MS	40MS	25MS	05R	70S	05S	05S-10S	0TS	18.8	70S
197	CO 701770	70MR	30M	40M	30MS-30S	0TR	99S	02M	05S-10S	05MS	22.6	99S
198	CO 701778	70S	30M	10MR	30MR-30MS	10MS	99S	15S	10S	0TR	26.2	99S
199	CO 701780	90S	99S	99S	50S	30MS-30S	99S	50VS	20S-30S	40S	63.4	99S
200	PS STRAW	90S	90S	99S	80S	40MS-40S	99S	25VS	70S-80S	20S	67.2	99S

161-200 E

-98-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
161	CO 702080	30	05	00	30	0T	13.2	30	1
162	CO 702088	40	20	40	0T	0T	20.4	40	-
163	CO 702090	30	10	40	05	0T	17.2	40	1
164	CO 702095	40	20	30	20	0T	22.2	40	2
165	CO 702099	20	10	30	10	0T	14.2	30	1
166	CO 702114	40	25	00	0T	20	17.2	40	-
167	CO 702140	50	50	40	70	20	46.0	70	1
168	CO 702150	40	25	70	05	0T	28.2	70	-
169	CO 702158	40	05	00	0T	0T	9.4	40	1
170	CO 702173	50	20	40	0T	20	26.2	50	1
171	CO 702179	30	05	40	0T	0T	15.4	40	2
172	CO 702188	40	05	00	0T	0T	9.4	40	-
173	CO 702204	40	20	40	05	20	25.0	40	1
174	CO 702217	40	30	50	15	10	29.0	50	2
175	CO 702234	40	10	00	05	10	13.0	40	1
176	CO 702237	40	10	00	05	10	13.0	40	1
177	CO 702249	50	30	00	05	10	19.0	50	3
178	CO 702250	40	05	30	05	10	18.0	40	2
179	CO 702252	40	05	00	0T	10	11.2	40	-
180	PS STRAW	50	20	50	70	10	40.0	70	-
181	CO 702270	40	02	40	05	0T	17.6	40	2
182	CO 702277	40	15	40	15	20	26.0	40	1
183	CO 702291	40	25	60	0T	20	29.2	60	2
184	CO 702314	40	05	50	0T	0T	19.4	50	-
185	CO 695711	60	25	50	50	0T	37.2	60	1
186	CO 672042	60	25	50	60	10	41.0	60	-
187	CO 673075	50	15	00	0T	00	13.2	50	1
188	CO 701654	40	10	40	05	10	21.0	40	2
189	CO 701694	40	05	40	10	0T	19.2	40	-
190	CO 701707	60	50	60	90	40	60.0	90	1
191	CO 701710	60	50	60	90	40	60.0	90	2
192	CO 701714	50	40	50	80	40	52.0	80	2
193	CO 701716	80	40	60	99	60	67.8	99	3
194	CO 701719	70	20	54	85	60	57.8	85	2
195	CO 701733	60	15	50	75	40	48.0	75	1
196	CO 701744	60	25	50	80	40	51.0	80	3
197	CO 701770	60	15	35	80	40	46.0	80	2
198	CO 701778	60	15	50	70	60	51.0	70	1
199	CO 701780	60	10	40	80	20	42.0	80	2
200	PS STRAW	50	10	50	75	20	41.0	75	1

161-200 F

-87-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
161	CO 702080	2	2	2.0	2
162	CO 702088	1	1	1.0	1
163	CO 702090	1	2	1.5	2
164	CO 702095	3	5	4.0	5
165	CO 702099	2	2	2.0	2
166	CO 702114	2	1	1.5	2
167	CO 702140	2	3	2.5	3
168	CO 702150	2	6	4.0	6
169	CO 702158	1	5	3.0	5
170	CO 702173	-	6	6.0	6
171	CO 702179	-	2	2.0	2
172	CO 702188	-	4	4.0	4
173	CO 702204	1	6	3.5	6
174	CO 702217	2	8	5.0	8
175	CO 702234	2	3	2.5	3
176	CO 702237	-	5	5.0	5
177	CO 702249	-	7	7.0	7
178	CO 702250	-	3	3.0	3
179	CO 702252	-	8	8.0	8
180	PS STRAW	-	2	2.0	2
181	CO 702270	1	3	2.0	3
182	CO 702277	2	6	4.0	6
183	CO 702291	1	8	4.5	8
184	CO 702314	-	6	6.0	6
185	CO 695711	-	2	2.0	2
186	CO 672042	2	3	2.5	3
187	CO 673075	-	4	4.0	4
188	CO 701654	-	2	2.0	2
189	CO 701694	-	3	3.0	3
190	CO 701707	3	8	5.5	8
191	CO 701710	3	7	5.0	7
192	CO 701714	2	5	3.5	5
193	CO 701716	2	8	5.0	8
194	CO 701719	3	9	6.0	9
195	CO 701733	-	7	7.0	7
196	CO 701744	2	3	2.5	3
197	CO 701770	-	3	3.0	3
198	CO 701778	-	3	3.0	3
199	CO 701780	-	8	8.0	8
200	PS STRAW	-	5	5.0	5

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PROBSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
161	CO 702080	7	5	6.0	7
162	CO 702088	7	7	7.0	7
163	CO 702090	7	9	8.0	9
164	CO 702095	7	4	5.5	7
165	CO 702099	6	6	6.0	6
166	CO 702114	5	4	4.5	5
167	CO 702140	3	2	2.5	3
168	CO 702150	6	0	3.0	6
169	CO 702158	7	0	3.5	7
170	CO 702173	8	2	5.0	8
171	CO 702179	8	0	4.0	8
172	CO 702188	8	0	4.0	8
173	CO 702204	6	0	3.0	6
174	CO 702217	6	0	3.0	6
175	CO 702234	6	0	3.0	6
176	CO 702237	6	4	5.0	6
177	CO 702249	5	2	3.5	5
178	CO 702250	8	0	4.0	8
179	CO 702252	5	0	2.5	5
180	PS STRAW	7	0	3.5	7
181	CO 702270	6	0	3.0	6
182	CO 702277	5	0	2.5	5
183	CO 702291	7	0	3.5	7
184	CO 702314	6	0	3.0	6
185	CO 695711	7	6	6.5	7
186	CO 672042	7	0	3.5	7
187	CO 673075	6	2	4.0	6
188	CO 701654	7	0	3.5	7
189	CO 701694	6	2	4.0	6
190	CO 701707	7	7	7.0	7
191	CO 701710	7	3	5.0	7
192	CO 701714	6	2	4.0	6
193	CO 701716	6	3	4.5	6
194	CO 701719	7	2	4.5	7
195	CO 701733	7	0	3.5	7
196	CO 701744	8	0	4.0	8
197	CO 701770	8	2	5.0	8
198	CO 701778	7	3	5.0	7
199	CO 701780	5	0	2.5	5
200	PS STRAW	6	0	3.0	6

-68-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
201	CO 701790	OTR	20S	000	60MS	20MS	0TVR	---	OTR
202	CO 701796	OTR	20S	000	30MR	000	000,10MS	---	OTR
203	CO 701813	000	0TS	000	50MR	000	000	05R	OTR
204	CO 701814	000	0TS	000	40MS	20MS	0TR	---	OTR
205	CO 701837	05R	10S	20MR	60S	10MS	0TR	---	OTR
206	CO 701839	000	20S	20S	70S	10MS	25MS	---	OTR
207	CO 701847	0TR	0TS	000	80S	000	40MS	---	OTR
208	CO 701878	03R	30S	000	70S	10MS	0TR	05R	05MS-05S
209	CO 701898	0TR	05S	000	80S	000	0TR-25S	25S	OTR
210	CO 701916	000	10S	000	50S	10MS	0TR-10MS	---	OTR
211	CO 701920	000	05S	000	10MR	000	000	---	OTR
212	CO 701950	03R	10S	000	30MR	10MR	0TR-10M	10MR	20S
213	CO 701953	20MR	05MS	10MR	50MR	20MS	0TR-25M	---	OTR
214	CO 701955	20MS	60S	20MR	30MR	60MS	0TR-25M	---	20S
215	CO 701958	000	60S	0TR	30MR	10MR	25MS	10R	OTR
216	KS 62324	10MR	20S	000	30MR	40MR	000	---	OTR
217	NB 69293	000	05S	000	30MR	10MS	0TVR	10R	OTR
218	NB 69291	000	10MS	000	30MR	000	0TVR	---	OTR
219	NB 69416	000	50S	000	30MR	60MS	0TR	---	10S
220	PS-CK	80S	90S	70S	80S	90MS	10MS-99VS	25S	40S-50S
221	NB 69441	000	40S	000	30MR	20MS	05MS	10MR	OTR
222	NB 669442	0TR	50S	000	30MR	20S	0TR,65MS	25S	OTR
223	NB 69447	10MR	05S	---	60S	000	0TVR	---	OTR
224	NB 69554	000	30S	000	80S	10S	0TR-05R	10MR	OTR
225	NB 69555	20MS	20S	000	50MS	000	0TR	10MR	0TMS
226	S65R5730	30S	40S	000	40MS	20MS	0TR	25S	OTR
227	S61R8534	70S	80S	---	80S	60MS	05R,10S	10MR	20S-30S
228	P5824A	40S	70S	000	50S	80MS	0TR-10S	---	05S-10S
229	S 65R5701	000	40MS	000	60S	40MS	0TVR	---	OTR
230	STW 20301	000	0TMS	000	60S	30MR	0TR	---	OTR
231	BLUE CONE	60S	90S	000	50S	40MS	05MS	10R	10S-20S
232	BRKULJA-4	70S	90S	000	80S	80MS	10MS	25S	50S-60S
233	ZG 7846-6	40S	10S	20S	80S	50MS	0TR,10MS	10R	OTR
234	OMAR 448-	50S	90S	000	99VS	70MS	10S	---	20S-30S
235	PS-CK	70S	80S	60S	99VS	70MS	25S	25S	40S-50S
236	289825	20MS	90S	80S	80S	80MS	10S	10MR	OTR
237	MO 70-144	80S	90S	80S	80VS	60MS	05MR-40MS	10MR	50S-60S
238	245617	---	80S	10R	60S	90MS	05R	25S	10S-20S
239	MAGNIF 10	000	30MR	000	30MR	40MS	0TR,05MS	---	OTR
240	PS-CK	20MS	90S	60S	80S	90MS	65S	25S	50S-60S

201-240 A

-96-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

		REP.							SUMMARY	
		S. AFRICA	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES				
ENTRY NO.	STATION CODE						PUERTO RICO	PUERTO RICO	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	MAYAGUEZ	LAJAS		
201	CO 701790	50S,20MR	10MR	000	20VR,80MS	05MS	05R	40MS	12.8	50S,20MR
202	CO 701796	20S	60S	000	0TMS-20MS	20S	60S	40MS	16.0	60S
203	CO 701813	10S	10MR	000	000,99MS	0TR	000	20MR	2.9	50MR
204	CO 701814	05VR	60S	000	0TS	0TR	70S	50S	16.5	70S
205	CO 701837	20S	60S	000	000	05S	50S	10S	16.6	60S
206	CO 701839	05S	60S	000	05S	0TS	10MS	10S	16.2	70S
207	CO 701847	0TMS	40S	000	20MS	0TMS-0TS	40S	05R	15.1	80S
208	CO 701878	85S,10MS	40S	000	60MS	05S	70S	10S	24.7	85S,10MS
209	CO 701898	000	40S	000	80MS	05MS-05S	70S	10R	19.3	80S
210	CO 701916	0TS	20S	000	05S	10S	80S	20S	14.6	80S
211	CO 701920	000	20MS	0TS	10MR	0TMS-0TS	0TMS	10S	2.9	20MS
212	CO 701950	000	40S	---	80MS	0TR	0TR	0TR	11.1	80MS
213	CO 701953	000	20MS	---	80MS	0TMS	30R	---	11.6	80MS
214	CO 701955	40MS	40MS	---	80MS	20S	90S	0TR	30.9	90S
215	CO 701958	10MS	40S	---	40MS	05MS-05S	30S	10S	15.8	60S
216	KS 62324	20S	40S	05S	50MS	0TMS	---	20MR	12.7	50MS
217	NB 69293	45S	60S	---	10MS	05MS-05S	---	40S	14.1	60S
218	NB 69291	45S	60S	---	10MS	10S	50S	10S	15.6	60S
219	NB 69416	40S	60S	---	80MS	05MS-05S	40S	05R	25.3	80MS
220	PS-CK	99S	80S	40S	99VS	40S	60S	---	63.0	99VS
221	NB 69441	50S	80S	---	60MS	05MR	0TR	20R	18.6	80S
222	NB 669442	25MS	80S	---	30MS	0TMR	30S	20MR	19.2	80S
223	NB 69447	000	60S,0TR	---	000,99VS	0TR	40S	20S	15.8	60S,0TR
224	NB 69554	40S	40S	---	30MS	05MS-05S	---	30S	20.1	80S
225	NB 69555	15S	60S	---	30MS	05MS-05S	40R	30S	15.8	60S
226	S65R5730	10R	40S	---	40MS	10S	60S	20S	21.9	60S
227	S61R8534	65S	99S	20S	99S	40S	50S	40S	51.1	99S
228	P5824A	10S	40S	99S,0TS	90VS	10MS-10S	30MS	0TR,10MS	35.7	99S,0TS
229	S 65R5701	000	10R	---	000	0TMS-0TS	0TR	0TR	9.8	60S
230	STW 20301	000	0TR	---	10MR	10MS	---	---	7.7	60S
231	BLUE CONE	000	40S	---	90VS	05S	40S	05MS	30.5	90VS
232	BRKULJA-4	30S	60S	05S	99VS	20S	50S	---	46.5	99VS
233	ZG 7846-6	---	80S	---	20MS	10S	---	---	27.1	80S
234	OMAP 448-	50S	99S	10S	99VS	40S	30S	10S	47.3	99VS
235	PS-CK	99S	99S	20S	99VS	40S	---	30S	60.1	99VS
236	289825	50S	99S	02S	90S	20S	30R	30MR	41.5	99S
237	MO 70-144	90S	99S	0TS	99VS	20S	40S	30S	54.2	99VS
238	245617	65S	99S	0TS	99VS	---	---	20MR	43.5	99VS
239	MAGNIF 10	20MR	80S	---	30MS	10S	80S	05R	19.9	80S
240	PS-CK	85S	99S	0TS	99VS	60S	90S	80S	64.8	99VS

INTERNATIONAL WINTER WHEAT NURSERY. 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIRAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
201	CO 701790	60S	10MR	20M	0TVR	65S	40MS	80S	05R
202	CO 701796	000	000	40MR	0TR-05M	40MR	40MS	10S	10MS
203	CO 701813	000	000	20MR	000-0TR	40MR	000	0TMS	000
204	CO 701814	80S	40MS	80S	000,60S	65S	20R	20S	40MS
205	CO 701837	000	10MS	70MS	10R-60S	40MR	65MS	30S	40MR
206	CO 701839	10MR	10MR	90MS	60S	65MR	05MR	99S	60S
207	CO 701847	000	20MS	80MS	60S	40S	000	60MS	05R
208	CO 701878	000	05MR	30M	25S	05R	20MS	0TMR	20MR
209	CO 701898	000	000	30M	0TR-40S	40S	0TS	0TMR	20MR
210	CO 701916	000	000	40M	05R-10M	40MR	05MR	40S	05R
211	CO 701920	05MS	000	20MR	0TR-05R	05R	0TMR	10S	20R
212	CO 701950	000	000	70MS	25MS	65MR	000	0TS	---
213	CO 701953	000	000	80MS	05M-60S	65S	000	80S	20MR
214	CO 701955	000	000	40M	0TR-25MS	40MR	20MS	---	---
215	CO 701958	10S	000	80MS	10MR-65S	40MR	20MS	80S	10R
216	KS 62324	000-0TR	10MR	20MR,90S	0TR-05R	25R	10MS	20MS	05R
217	NB 69293	000	05MR	40M	0TR-05MR	25MR	25MS	0TMS	05R
218	NB 69291	10S	000	10MR	0TR-05MR	10R	30MS	0TMR	05R
219	NB 69416	20MS	000	50M	05R-45MS	40MR	40MS	0TMR	10R
220	PS-CK	30S	40MS	99VS	05R-99VS	65S	65MS	10S	60S
221	NB 69441	60S	000	80S	10MR-65S	65S	60MR	80S	20MR
222	NB 669442	05MS	000	90MS	0TR-05M	65S	65MS	80S	30MS
223	NB 69447	40S	10MR	70MS,10R	0TVR	25MR	000	30S	10R
224	NB 69554	000	000	20R	0TVR	65S	70MS	40S	10R
225	NB 69555	000	000	10R	0TR,10MS	40S	20MS	50S	10MR
226	S65R5730	000	30MR	10R	0TR-05MR	65S	20R	000	05R
227	S61R8534	000	60MS	20M	0TR	40S	99MS	0TS	10MS
228	P5824A	000	10MR	05MR	0TR,05MS	---	20MS,05MR	000	---
229	S 65R5701	000	10MR	50R	0TR	---	0TVR	80VR	---
230	STW 20301	000	000	10VR	0TR	---	0TMR	---	0TR-0TS
231	BLUE CONE	10S	60MS	20MS	0TR	40MR	0TR	20MS	---
232	RRKULJA-4	05S	05MR	50M	05R	65MR	40MS	99S	10MR
233	ZG 7846-6	0TMS	05MR	70MS	0TR,25MS	40MR	---	99S	---
234	OMAR 448-	0TMR	30MR	99VS	65S	65S	40MS	99S	40MS
235	PS-CK	000	40MS	99VS	65S	65S	85S	99S	90S
236	289825	80S	60MS	99VS	99S	65S	50MS	80S	60MS
237	MO 70-144	70S,000	30MR	99VS	0TR,99S	65S	25MR,30S	10MS	80MS
238	245617	40S	30MS	10M	10R	40MR	10MS	0TMS	05R
239	MAGNIF 10	000	10MR	80MS	0TR,25S	10R	15MR	40S	10R
240	PS-CK	90S	60MS	99VS	25MS,99S	65S	---	99S	90S

-92-

201-240 C

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
201	CO 701790	0TR	05MR	40MS	000	10S	40S	24.1	80S
202	CO 701796	0TR	10S	30MR	000	10S	60S	12.4	60S
203	CO 701813	000	05MR	0TR	000	10S	30S	4.7	30S
204	CO 701814	50S	15S	40MS	0TR	20S	60S	35.0	80S
205	CO 701837	30S	10S	30MS	000	40S	50S	23.8	70MS
206	CO 701839	40S	10S	40MS	000	70S	60S	38.5	99S
207	CO 701847	30S	10MS	30MS	000	40S	40S	26.5	80MS
208	CO 701878	05S	05R	40MS	000	10S	40S	11.3	40S
209	CO 701898	40S	10S	40MS	000	10S	60S	15.6	60S
210	CO 701916	10S	05S	30MS	000	0TS	05S	9.2	40S
211	CO 701920	20S	10MR	0TR	0TR	30MR	05R	4.6	20S
212	CO 701950	0TR	05MS	10R	000	0TR,60S	40S	11.4	70MS
213	CO 701953	40S	10S	20MS	000	60S	70S	29.7	80S
214	CO 701955	20S	10S	20MS	000	40MS	70S	17.0	70S
215	CO 701958	20S	10S	20MR	000	30MS	60S	22.4	80S
216	KS 62324	0TR	05MR	30MS	000	60S	80S	14.8	80S
217	NB 69293	0TR	05M	40MS	000	40S	80S	15.2	80S
218	NB 69291	0TR	05MR	40MS	000	40S	80S	13.9	80S
219	NR 69416	20MS	10MR	40MS	40VS	30S	30S	17.8	40VS
220	PS-CK	60S	10MR	70S	30VR	90S	70S	46.3	99VS
221	NB 69441	10S	10S	60S	50VR	30S	60S	35.7	80S
222	NB 669442	40S	10MS	70S	10VR	60S	70S	39.0	80S
223	NB 69447	000	15S	30MR	20VR	0TR	30MS	14.1	70MS,10R
224	NB 69554	20S	05MR	30MR	20VR	10MS	50S	18.8	65S
225	NB 69555	30S	05MR	30MR	20VR	20S	60S	17.1	60S
226	S65R5730	000,05S	05MR	10MR	10VR	000	60S	10.8	65S
227	S61R8534	0TR	01VR	0TR	000	000	0TMS	13.5	99MS
228	P5824A	0TR	000	0TR	000	000	000	1.8	20MS,05M
229	S 65R5701	000	000	0TR	30VR	0TMS	05S	3.5	80VR
230	STW 20301	000	000	40MS	000	70S	20VS	10.4	70S
231	BLUE CONE	000	05S	0TR	000	0TR	40S	11.6	60MS
232	BRKULJA-4	40S	15S	30MS	000	0TR	---	21.4	99S
233	ZG 7846-6	20S	15S	40MS	000	0TR,80S	---	21.9	99S
234	QMAR 448-	70S	25VS	50MS	40MS	70S	80S	51.5	99S
235	PS-CK	60S	15S	60S	30VS	80S	80S	61.4	99S
236	289825	70S	15S	70S	40VS	80S	80S	65.2	99S
237	MO 70-144	60MS	05S	80S	20S	80S	80S	45.8	99VS
238	245617	40S	01R	---	0TR	0TR	30R	11.1	40S
239	MAGNIF 10	40S	01R	0TR	000	0TR	10R	11.4	80MS
240	PS-CK	60S	15S	70S	30VS	80S	70S	64.3	99S

201-240 D

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA		FRANCE		NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
201	CO 701790	60S	80S	70MS	20MR	05R-05MR	99S	20R	05MS-05S	05S	35.2	99S
202	CO 701796	0TR	90S	99S	25MS	05MR	40S	10S	0TR	0TS	29.1	99S
203	CO 701813	000	30M	70MS	15MR	000	40S	02MR	0TR	05S	14.0	70MS
204	CO 701814	0TR	30MR	50M	60MS	000	40S	01MR	05MS	10S	16.0	60MS
205	CO 701837	0TR	0TR	0TR	05MR-70S	05R	40S	05R, 05MS	05S-10S	0TR	5.5	40S
206	CO 701839	05R	30M	0TR	50MS	000	80S	02MR	0TR	0TR	15.6	80S
207	CO 701847	70S	99S	99S	20MR	05R	80S	15MS	0TR	05S	41.5	99S
208	CO 701878	50S	99S	99S	80S	60S	80S	25VS	05MS-05S	20S	57.4	99S
209	CO 701898	90S	99S	99S	30MS-30S	000	80S	70VS	05S-10S	10S	53.0	99S
210	CO 701916	0TR	10MR	50MS	30MS	000	80S	15S	05MS-05S	05MS	19.0	80S
211	CO 701920	50MS	20MR	40MR	20MR-20MS	10R	80S	20MR	0TR	0TMS	18.1	80S
212	CO 701950	05MR	10MR	30MR	15MR	20MR	80S	02M	05S-10S	0TS	13.2	80S
213	CO 701953	05S	20MR	40MR	10MR-10MS	000	80S	02MR	0TR	05MS	13.1	80S
214	CO 701955	20S	10MR	60MS	30MS	05MR	80S	10S	0TR	0TMR	20.9	80S
215	CO 701958	70S	40M	70MS	40MS	10MR-10MS	99S	10MS	05MS-05S	10S	34.1	99S
216	KS 62324	10S	30MS	50MS	20MR-20MS	0TR	99S	05MR	0TR	05MR	20.6	99S
217	NB 69293	99S	60MS	40MS	10MS	000	99S	01MR	10MS-10S	0TR	32.7	99S
218	NB 69291	99S	50MS	40MS	15MS	0TR	99S	05MR	0TR	0TR	31.6	99S
219	NB 69416	90S	70MS	30MS	30MS-30S	000	99S	30VS	10S	20S	39.2	99S
220	PS-CK	99S	99S	90S	60S	40S	99S	30VS	50S-60S	40S	67.4	99S
221	NB 69441	10S	20M	0TR	20MS	000	99S	05S	0TR	0TR	15.8	99S
222	NB 669442	50S	20MS	20MR	20MR-20MS	50S	99S	10MS	05MS-05S	10S	28.1	99S
223	NB 69447	90S	40MS	70S	50S	---	99S	15S	10S	40S	50.7	99S
224	NB 69554	30S	40MS	50MS	30MS	30MS-30S	99S	25MS	05S-10S	40S	34.8	99S
225	NB 69555	30S	40MS	50MS	15MR	30S	99S	25VS	10S-20S	40S	34.6	99S
226	S65R5730	80S	80MS	80S	40MS-40S	20MS	99S	05MR	05S-10S	20S	44.2	99S
227	S61R8534	20S	70MS	20R	70S	---	99S	70VS	20S-30S	40S	47.3	99S
228	P5824A	05S	50MS	80S	0TR	000	99S	30MS	05MS-05S	30S	31.3	99S
229	S 65R5701	05S	80S	30M	80S	000	99S	05M	0TR	40S	36.1	99S
230	STW 20301	90S	99S	99S	40S	40S	99S	50VS	20S-30S	000	59.6	99S
231	BLUE CONE	30S	40MS	40MS	60MS-60S	20MS	99S	0TR	05S-10S	05MR	29.3	99S
232	ARKULJA-4	50S	50MS	30MS	50MS	0TR	70S	01M	05S-10S	0TR	25.5	70S
233	ZG 7846-6	70S	80S	99S	15MR-40MS	10MR-10MS	99S	01M	50S-60S	0TMR	45.4	99S
234	OMAR 448-	80S	90S	70S	90S	20MS-20S	99S	10S	70S-80S	60S	65.0	99S
235	PS-CK	90S	99S	99S	80S	30MS	99S	25VS	50S-60S	60S	69.5	99S
236	289825	80S	40MS	10MS	75S	05R	80S	10MR	05S-10S	20S	33.8	80S
237	MO 70-144	000	000	000	20MS	000	20MS	05R	05MR-10MR	0TMS	3.9	20MS
238	245617	000	0TR	0TR	15MR	000	30S	02R	0TR	20S	6.3	30S
239	MAGNIF 10	05S	30M	80S	50S	10R	60S	15MR, 15S	05S-10S	0TR	25.1	80S
240	PS-CK	99S	99S	99S	90S	50S	99S	25VS	60S-70S	40S	73.4	99S

201-240 E

-46-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
201	CO 701790	60	20	00	10	20	22.0	60	2
202	CO 701796	50	30	60	40	40	44.0	60	1
203	CO 701813	40	10	20	30	10	22.0	40	2
204	CO 701814	60	30	60	60	40	50.0	60	2
205	CO 701837	50	25	60	60	40	47.0	60	-
206	CO 701839	50	25	40	50	40	41.0	50	1
207	CO 701847	50	25	30	35	60	40.0	60	2
208	CO 701878	50	30	40	70	60	50.0	70	1
209	CO 701898	40	15	30	25	60	34.0	60	1
210	CO 701916	40	20	00	20	10	18.0	40	2
211	CO 701920	30	20	00	50	20	24.0	50	-
212	CO 701950	60	15	80	70	10	47.0	80	3
213	CO 701953	40	10	50	35	10	29.0	50	2
214	CO 701955	40	20	00	40	10	22.0	40	1
215	CO 701958	60	40	70	60	40	54.0	70	1
216	KS 62324	60	20	00	45	20	29.0	60	2
217	NB 69293	40	15	30	07	20	21.2	40	-
218	NB 69291	30	10	30	10	20	20.0	30	2
219	NB 69416	40	20	50	40	20	34.0	50	1
220	PS-CK	40	20	60	20	10	30.0	60	1
221	NB 69441	30	20	40	05	20	23.0	40	-
222	NB 669442	20	20	50	05	20	23.0	50	-
223	NB 69447	50	40	60	90	60	60.0	90	2
224	NB 69554	40	10	40	10	20	24.0	40	-
225	NB 69555	40	25	00	10	20	19.0	40	-
226	S65R5730	30	05	30	05	20	18.0	30	2
227	S61R8534	60	25	50	90	40	53.0	90	-
228	P5824A	30	05	00	50	10	19.0	50	-
229	S 65R5701	60	60	60	70	60	62.0	70	-
230	STW 20301	60	25	40	75	60	52.0	75	2
231	BLUE CONE	40	25	30	60	10	33.0	60	-
232	BRKULJA-4	40	30	40	50	60	44.0	60	-
233	ZG 7846-6	40	30	50	50	40	42.0	50	3
234	OMAR 448-	50	15	60	80	40	49.0	80	-
235	PS-CK	50	15	50	50	20	37.0	50	2
236	289825	40	05	50	40	10	29.0	50	-
237	MO 70-144	40	05	00	40	10	19.0	40	-
238	245617	--	05	50	40	--	31.6	50	-
239	MAGNIF 10	30	05	50	30	10	25.0	50	2
240	PS-CK	40	25	50	60	10	37.0	60	1

201-240 F

-95-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
201	CO 701790	-	3	3.0	3
202	CO 701796	2	5	3.5	5
203	CO 701813	1	2	1.5	2
204	CO 701814	-	5	5.0	5
205	CO 701837	2	1	1.5	2
206	CO 701839	-	2	2.0	2
207	CO 701847	-	2	2.0	2
208	CO 701878	1	3	2.0	3
209	CO 701898	-	4	4.0	4
210	CO 701916	-	6	6.0	6
211	CO 701920	3	2	2.5	3
212	CO 701950	2	7	4.5	7
213	CO 701953	-	1	1.0	1
214	CO 701955	3	-	3.0	3
215	CO 701958	2	2	2.0	2
216	KS 62324	-	3	3.0	3
217	NB 69293	2	5	3.5	5
218	NB 69291	-	3	3.0	3
219	NB 69416	-	2	2.0	2
220	PS-CK	-	2	2.0	2
221	NB 69441	-	2	2.0	2
222	NB 669442	-	2	2.0	2
223	NB 69447	2	3	2.5	3
224	NB 69554	-	4	4.0	4
225	NB 69555	-	2	2.0	2
226	S65R5730	2	2	2.0	2
227	S61R8534	-	1	1.0	1
228	P5824A	-	2	2.0	2
229	S 65R5701	-	2	2.0	2
230	STW 20301	-	3	3.0	3
231	BLUE CONE	-	2	2.0	2
232	BRKULJA-4	-	3	3.0	3
233	ZG 7846-6	-	3	3.0	3
234	OMAR 448-	-	3	3.0	3
235	PS-CK	-	3	3.0	3
236	289825	-	4	4.0	4
237	MO 70-144	-	4	4.0	4
238	245617	-	4	4.0	4
239	MAGNIF 10	-	5	5.0	5
240	PS-CK	-	6	6.0	6

-96-

201-240 G

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PRORSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
201	CO 701790	7	5	6.0	7
202	CO 701796	8	0	4.0	8
203	CO 701813	7	2	4.5	7
204	CO 701814	7	2	4.5	7
205	CO 701837	7	2	4.5	7
206	CO 701839	7	2	4.5	7
207	CO 701847	5	0	2.5	5
208	CO 701878	6	0	3.0	6
209	CO 701898	6	3	4.5	6
210	CO 701916	7	5	6.0	7
211	CO 701920	6	7	6.5	7
212	CO 701950	7	4	5.5	7
213	CO 701953	6	3	4.5	6
214	CO 701955	7	3	5.0	7
215	CO 701958	7	0	3.5	7
216	KS 62324	7	0	3.5	7
217	NB 69293	7	0	3.5	7
218	NB 69291	6	0	3.0	6
219	NB 69416	7	0	3.5	7
220	PS-CK	6	0	3.0	6
221	NB 69441	6	0	3.0	6
222	NB 669442	5	0	2.5	5
223	NB 69447	8	0	4.0	8
224	NB 69554	8	3	5.5	8
225	NB 69555	7	0	3.5	7
226	S65R5730	6	0	3.0	6
227	S61R8534	6	0	3.0	6
228	P5824A	7	0	3.5	7
229	S 65R5701	8	0	4.0	8
230	STW 20301	8	0	4.0	8
231	BLUE CONE	5	5	5.0	5
232	BRKULJA-4	8	7	7.5	8
233	ZG 7846-6	6	2	4.0	6
234	OMAR 448-	7	2	4.5	7
235	PS-CK	7	2	4.5	7
236	289825	7	0	3.5	7
237	MO 70-144	7	0	3.5	7
238	245617	-	0	0.0	0
239	MAGNIF 10	8	0	4.0	8
240	PS-CK	8	0	4.0	8

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
241	MAGNIF 14	000	05S	10R	40MR	50MS	0TVR	05R	0TR
242	MAGNIF 14	10MR	0TMS	10R	40MR	20MS	0TVR	---	05MS-05S
243	294944	60S	90S	000	80S	80MS	40S	---	30S-40S
244	294987	60S	99S	000	80S	40MS	10S	10S	40S-50S
245	294984	60S	99S	000	99S	70MS	40MS	---	40S-50S
246	294967	50S	90S	000	99VS	70MS	40S	10MR	40S-50S
247	294965	60S	99S	000	70S	60MS	25S	25S	60S-70S
248	OSOIZA	60S	90S	000	70S	70MS	65MS	10MR	40S-50S
249	MURGASCH	60S	99S	30S	70S	80MS	05MS	25S	30S-40S
250	MAZART	50S	99S	60S	80S	80MS	000	25S	10S
251	ODESS 21	60S	90S	30MR	80S	70MS	0TR-40MS	10R	10S
252	BELOZ 37	60S	99S	000	99VS	80MS	0TR	10MR	40S-50S
253	ACKER BAY	50S	99S	000	99VS	70MS	0TR-10MS	25S	40S-50S
254	KRASNO	60S	60S	000	99VS	70MS	0TR	40MR	60S
255	JERAWINO	60S	90S	000	99VS	60MS	0TR-05MS	25MR	50S-60S
256	FELDS GRA	60S	99S	000	80S	70MS	000	25S	20S-30S
257	DSURA 25-	60S	99S	000	80S	70MS	000	10MR	10S-20S
258	DOLNA	60S	99S	000	80S	70MS	10MS-10S	25S	10S-20S
259	PUD CERVE	60S	99S	000	80S	70MS	0TR-05S	10MR	40S-50S
260	PS-CK	60S	99S	80S	99VS	90MS	25MS	25S	60S-70S
261	ALBENA	20MS	80S	000	80VS	70MS	000	---	0TR
262	DOBRUDZA	40S	80S	000	80VS	70MS	000	---	20S-30S
263	DOR 100-1	20MS	80S	000	80VS	70MS	0TR	25S	0TR
264	ERYTHRO	40S	90S	000	80VS	40MS	000,10MS	10S	0TR
265	FERUG	20MS	80S	---	80VS	60MS	0TR,40MS	10MR	20S-30S
266	KALIAKRA	40S	90S	000	80VS	50MS	0TR,10MS	05R	10S-20S
267	NADEZDA 2	40S	90S	000	80VS	60MS	10MS-65S	40S	40S-50S
268	RUSALKA	50S	30S	80S	80VS	50MS	0TR,10MS	25S	10S
269	SAD RAN 3	50S	70S	80S	80VS	40MS	40S	40S	05S-10S
270	APUL 233	40S	80S	30MS-30S	80VS	70MS	000	10MR	0TR
271	HORD 1522	80S	90S	70S	80VS	80MS	05MS,65S	25S	50S-60S
272	DRUCH 194	50S	99S	20MS	80VS	70MS	25MS	10R	50S-60S
273	298400	50S	99S	000	80VS	80MS	65MS	---	60S-70S
274	CAP DES	50S	99S	000	99VS	75MS	10MS	05R	50S-60S
275	ABONDANCE	40S	99S	000	99VS	80MS	40MS	---	60S-70S
276	PONCHEAU	40S	99S	000	99VS	80MS	10MS	25S	50S-60S
277	COUTICHES	40S	99S	000	99VS	70MS	10MS	---	40S-50S
278	293000	000	90S	000	99VS	000	40MS	10R	0TR
279	NURSI	60S	60S	30S	10MR	30MS	65MS	10MR	0TR
280	PS-CK	70S	80S	60S	80VS	80MS	65S-99VS	25S	40S-50S

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP.	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES			SUMMARY	
		S. AFRICA				MINNESOTA	PUERTO RICO	PUERTO RICO	AVERAGE	HIGHEST
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	ST. PAUL	MAYAGUEZ	LAJAS	COEFFICIENT OF INFECTION	READING
241	MAGNIF 14	---	60S	---	50MS	---	---	10R	15.1	60S
242	MAGNIF 14	---	40S	---	60MR	10MS-10S	---	---	11.5	40S
243	294944	65S	80S	80S	99VS	60S	60S	50S	61.2	99VS
244	294987	70S	60S	0TS	99VS	60S	---	10S	45.0	99VS
245	294984	30S	80S	02S	99VS	20S	20S	20MR	46.0	99VS
246	294967	30MS	80S	0TS	99VS	40S	60S	40S	48.2	99VS
247	294965	20S	99S	02S	99VS	40S	---	05R	46.2	99VS
248	OSOIZA	40S	99S	02S	99VS	20S	30S	40S	46.8	99VS
249	MURGASCH	20S	99S	05S	99VS	20S	40S	30S	46.3	99VS
250	MAZART	20S	99S	05S	99VS	20S	40S	20S	46.0	99VS
251	ODESS 21	15MR	99S	05S	99VS	20S	---	30R	38.9	99VS
252	BELOZ 37	50MS	99S	0TS	99VS	20S	40S	20MR-20MS	44.8	99VS
253	ACKER BAY	50S	80S	05S	99VS	20S	---	50S	48.0	99VS
254	KRASNO	40MS	99S	0TS	99VS	40S	50S	50S	48.1	99VS
255	JERAWINO	55S	99S	0TS	99VS	20S	20MS	10MR	43.4	99VS
256	FELDS GRA	65S	99S	0TS	99VS	20S	30S	05R-05S	43.6	99VS
257	DSURA 25-	45MR	80S	0TS	99VS	20S	---	10R	37.7	99VS
258	DOLNA	65S	80S	02S	99VS	20S	---	---	46.4	99VS
259	PUD CERVE	70S	80S	02S	99VS	20S	60S	---	47.8	99VS
260	PS-CK	---	99S	60S	99VS	40S	80S	70S	68.7	99VS
261	ALBENA	25S	60S	05S	15S	40S	60S	40S	34.0	80VS
262	DOBRUDZA	50S, 40MR	40MS	0TS	90VS	40S	30S	70S	42.0	90VS
263	DOB 100-1	50S, 50MR	99S	10S	80MS	40S	---	90S	43.6	99S
264	ERYTHRO	50S-50MR	60S	0TS	99MS	20S	---	---	35.5	90S
265	FERUG	25MR	60S	0TS	99VS	20S	---	20S	35.2	99VS
266	KALIAKRA	45S	40MR	20S	99VS	20S	50S	30S	36.0	99VS
267	NADEZDA 2	70S	60S	40S	99VS	40S	40S	50S	49.6	99VS
268	RUSALKA	10MR	60S	---	99VS	40S	---	---	43.1	99VS
269	SAD RAN 3	15MS	80S	60S	99VS	20S	---	---	51.3	99VS
270	APUL 233	0TVR	80S	---	99VS	40S	60S	40S	43.1	99VS
271	HORD 1522	10MR	99S	05S	99VS	40S	---	60S	55.0	99VS
272	DRUCH 194	05S	80S	0TS	99VS	20S	20S	0TR	39.8	99VS
273	298400	05S	60S	05S	99VS	40S	30S	---	49.5	99VS
274	CAP DES	15S	40S	02S	99VS	40S	10S	0TR, 0TS	38.2	99VS
275	ABONDANCE	30S	60S	02S	99VS	20S	40S	10MS	46.6	99VS
276	PONCHEAU	45S	60S	0TS	99VS	20S	000	05MR	40.8	99VS
277	COUTICHES	10S	40MS	---	99VS	10S	10MR	05R	38.3	99VS
278	293000	000	0TS	05S	05S	10S	000	0TR	16.2	99VS
279	NURSI	45S, 50R	80S	0TS	---	20S	20MS	0TR	28.3	80S
280	PS-CK	---	80S	60S	99VS	40S	---	70S	64.0	99VS

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
241	MAGNIF 14	---	30MS	---	0TR	40MR	---	---	---
242	MAGNIF 14	000	10MR	90S,50MR	0TR	---	---	---	---
243	294944	90S	40MS	99VS	65S	65S	65S	0TMS	60S
244	294987	000	40MS	99VS	65S	40S	65S	40S	---
245	294984	30S	60MS	90S	40S	65MR	50MR	80S	05R
246	294967	90S	60MS	99VS	65S	65S	65MS	60MS	0TR-0TS
247	294965	30S	40MR	80MS	05MS-65S	65S	45S	80S	40MS
248	OSOIZA	000	40MS	70MS	40S	40S	20MS	60S	---
249	MURGASCH	000	30MS	70MS	25MS-65VS	65S	40MS	60S	60S
250	MAZART	05MS	50MS	80S	25MS-40S	40S	50S	80S	0TR-0TS
251	ODESS 21	000	60MR	90S	25M	40MR	50MS	60S	---
252	BELOZ 37	000	70MS	90S	65MS	65S	50MS	20MS	80S
253	ACKER BAY	80S	30MS	80VS	40MS	99S	45S	99S	---
254	KRASNO	000	30MR	99VS	0TR-40S	65S	30MS	80MS	---
255	JERAWINO	30S	50MS	70MS	0TR,10S	65S	65MS	99S	---
256	FELDS GRA	30S	60MS	90S	05MR-25M	65S	50S	80S	20S
257	DSURA 25-	40S	50MS	90S	25MS	65S	50MS	80S	20MS
258	DOLNA	000	60MS	70MS	40S	65S	50MR	99S	20MS
259	PUD CERVE	60S	60MS	90VS	65MS	40S	50MS	80S	30MS
260	PS-CK	20S	70MS	99VS	25MS	65S	---	80S	90S
261	ALBENA	000	30MS	70M	10M	25MR	0TMR	10S	05R
262	DOBRUDZA	05MS	30MR	80M	05M	65S	05MR	80S	10MR
263	DOR 100-1	10MS	60MS	99VS	65MS	65S	65MS	99S	40MS
264	ERYTHRO	20MS	50MR	80MS,05VR	10M	65S	000-25MS	40S	05R
265	FERUG	000	20MR	20MR	0TR-05R	25S	0TR	02MS	05R
266	KALIAKRA	000	30MR	90VS	0TR-10M	40S	45MS	40S	05R
267	NADEZDA 2	40S	60MS	90VS	40S	99S	45MS	99S	05MR
268	RUSALKA	000	60MS	90S,20R	10MR	40S	000	0TS	05R
269	SAD RAN 3	05S	60MS	99VS	99S	99S	---	10S	---
270	APUL 233	15MS	40MS	90S	25MS	65S	05MR	60S	20S
271	HORD 1522	05MR	20MS	90S	40MS	65S	10MR	20S	20S
272	DRUCH 194	40S	20MR	80MS	25MS	65S	05MR	80S	05MR
273	298400	05S	20MS	90S	20S	65S	25MS	40S	0TR-0TS
274	CAP DES	000	30MS	70S	25MS	40MR	60MS,85R	20MS	05R
275	ABONDANCE	20MS	40MS	90S	05MR-20S	65S	40S	20MS	---
276	PONCHEAU	000	60MS	70MS	0TR-20MS	40S	15MR	40MS	---
277	COUTICHES	000	60MS	90S	10M	40S	25MR	40MS	05R
278	293000	60S	10MS	99VS	25S-99S	65S	10S	99S	20MR
279	NURSI	0TMR	05MR	---	10M	65MR	0TMR	20MS	05R
280	PS-CK	05S	70MS	99VS	40S-99VS	65S	---	99S	90S

241-280 C

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
241	MAGNIF 14	0TR	15S	20MR	000	0TVR	---	7.9	30MS
242	MAGNIF 14	50S	02R	20MR	000	000,60S	---	16.9	90S,50MR
243	294944	50MS	15S	80S	30VS	80S	80S	57.2	99VS
244	294987	50S	15S	40MS	40VS	60S	90S	48.3	99VS
245	294984	20S	10MS	30MR	30VR	10MR	20S	28.9	90S
246	294967	50S	25S	60S	20MR	20MS	80S	50.4	99VS
247	294965	40S	15MS	40S	000	10S	80S	37.0	80S
248	OSOIZA	20S	15MS	40S	000	000	60S	28.9	60S
249	MURGASCH	50S	15S	40S	0TR	20S	80S	37.3	80S
250	MAZART	000,50S	15S	50S	20S	30S	40S	33.5	80S
251	ODESS 21	000,50S	20S	70S	000	40S	80S	35.0	90S
252	BELOZ 37	60S	15MS	60S	000	70S	80S	48.6	90S
253	ACKER BAY	70S	10MS	60S	0TR	60S	80S	56.7	99S
254	KRASNO	30S	15MS	70S	000	40S	80S	38.1	99VS
255	JERAWINO	40S	20S	70S	000	30S	60S	43.2	99S
256	FELDS GRA	30S	15MS	70S	000	50S	60S	43.3	90S
257	DSURA 25-	20S	05MR	70S	30VS	10VR	60S	41.0	90S
258	DOLNA	50S	15S	60S	30VS	20S	80S	42.7	99S
259	PUD CERVE	30S	10MR	10R	30MS	40S	80S	43.8	90VS
260	PS-CK	60S	15S	70S	80VS	70S	70S	61.1	99VS
261	ALRENA	000	05MR	40MS	000	000	05MS	9.3	70M
262	DORRUDZA	40S	10MS	40MS	30S	000	50S	27.0	80S
263	DOB 100-1	50S	20MS	70S	20S	40S	80S	52.2	99S
264	FRYTHRO	60S	10M	20MR	000	0TS	70S	25.5	70S
265	FERUG	20S	05S	0TR	000	000	10S	5.6	25S
266	KALIAKRA	50S	05MR	20S	000	20S	20S	23.6	90VS
267	NADEZDA 2	50S	15S	70S	000	20S	60S	47.7	99S
268	RUSALKA	50S	05R	10R	000	30S	90S	25.5	90S
269	SAD RAN 3	60S	10S	70S	30S	70S	90S	57.5	99S
270	APUL 233	60S	15S	40MS	000	60S	60S	37.7	90S
271	HORD 1522	40S	10MS	20MR	000	0TS	10S	22.5	90S
272	DRUCH 194	40S	15S	40MS	80VR	10S	40S	31.0	80S
273	298400	40S	10MS	40MS	60VR	000,60S	40S	27.7	90S
274	CAP DES	30S	05S	40MS	80VR	000	20MR	20.4	70S
275	ABONDANCE	15MS	15S	40MS	70VR	000	40MR	26.9	90S
276	PONCHEAU	40S	15S	30MS	70VR	40S	0TR	24.2	70MS
277	COUTICHES	30S	15S	30MS	60VR	20S	20S	24.8	90S
278	293000	60S	10S	50MS	50S	20S	90S	46.0	99S
279	NURSI	60S	10S	60S	10S	10VR	---	16.1	60S
280	PS-CK	60S	15S	80S	30VS	90S	80S	62.2	99S

-101-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
241	MAGNIF 14	50S	05R	30MR	60MS-60S	40MS-40S	80S	10M	0TR	40S	29.9	80S
242	MAGNIF 14	0TMS	10MR	60MS	10MR	10MR-10MS	80S	05R	0TR	0TR	15.8	80S
243	294944	80S	90S	99S	70S	10MS	50S	25VS	50S-60S	05MR	52.6	99S
244	294987	20S	30MS	10R	30MS	05MR	50S	10MR	0TR	20S	16.2	50S
245	294984	10S	20MR	0TR	05R	000	30MS	01R	0TR	000	4.8	30MS
246	294967	10S	60MS	10MR	20MS	10MR	30MS	05MS	60S-70S	10S	20.0	60SS
247	294965	0TR	30MS	10MR	10MR	000	60S	01M	0TR	0TMR	10.3	60S
248	0501ZA	0TMR	30MS	0TR	10MR	000	60S	05MS	0TR	0TMS	10.4	60S
249	MURGASCH	000,50S	70MS	20M	15MR-15MS	000	60S	15S	20S-30S	05S	19.3	60S
250	MAZART	99S	60MS	0TR,99S	40MS-40S	000	60S	05MS	05MS-05S	0TMR	27.5	99S
251	ODESS 21	99S	99S	90S	0TR	40S	60S	02R	50S-60S	05S	49.2	99S
252	BELOZ 37	000	05MR	0TR	0TR	000	60S	05R	0TR	0TMR	7.1	60S
253	ACKER BAY	20S	30MS	60MS	20MS	000	60S	01MR	05MS-05S	0TR	19.1	60S
254	KRASNO	30S	50MS	50MS	05R,80S	30MS	60S	10R	0TR	05MS	22.3	60S
255	JERAWINO	000	0TR	0TR	30MS	000	60S	01M	10S-20S	0TMS	10.6	60S
256	FELDS GRA	000	0TR	0TR	05R	000	60S	02R	0TR	0TMS	6.9	60S
257	DSURA 25-	000	30MS	000	0TR	000	60S	02S	0TR	05S	10.1	60S
258	DOLNA	000	20MR	0TR	10MR-10MS	000	60S	02M	05S-10S	0TMS	8.8	60S
259	PUD CERVE	000	0TR	000	0TR	000	60S	01MR	0TR	0TMS	6.8	60S
260	PS-CK	90S	99S	99S	70S	50S	60S	25VS	50S-60S	40S	64.7	99S
261	ALBENA	000	0TR	0TR	0TR	000	80S	02R	05MS-05S	0TR	9.4	80S
262	DOBUDZA	000	20MR	30MS	20MR-20MS	000	80S	02M	10S-20S	0TR	14.6	80S
263	DOR 100-1	90S	60MS	60MS	60S	000	60S	50VS	05MS-05S	10MS	40.8	90S
264	ERYTHRO	000	20MR	000	000	000	40S	01S	0TR	0TR	5.4	40S
265	FERUG	000,10S	30MR	80S	000	---	60S	02R	05S-10S	0TR	19.7	80S
266	KALIAKRA	05S	20MR	10R	000	000	30MS	01R	05S-10S	000	4.9	30MS
267	NADEZDA 2	99S	70MS	70S	60S	000	80S	05S	10S-20S	0TMR	42.2	99S
268	RUSALKA	05S	20MR	30MS	20MR	000	80S	01R	0TR	20S	16.1	80S
269	SAD RAN 3	70S	99S	99S	0TR	000	80S	01S	0TR	0TMR	38.8	99S
270	APUL 233	40S	40MS	50MS	70S	000	99S	05MS	05MS-05S	0TR	32.1	99S
271	HORD 1522	70S	80MS	70S	15MR	10MR	99S	15MS	0TR	000	36.1	99S
272	DRUCH 194	20S	0TMR	10MR	0TR	20MS	10MR	01R	0TR	000	5.0	20S
273	298400	20S	30MS	30MS	20MS	000	30MS	01R	0TR	000	12.0	30MS
274	CAP DES	10S	20MS	30MS	0TR	000	30MS	0TR	0TR	000	8.2	30MS
275	ABONDANCE	10S	20MS	40MS	20MS	000	50S	0TR	0TR	000	13.8	50S
276	PONCHEAU	000	000	10MR	0TR	000	40MS	0TR	0TR	000	4.0	40MS
277	COUTICHES	000	10MR	10MR	0TR	000	20MR	0TR	0TMS	000	1.9	20MR
278	293000	000	10MR	000	000	000	05MR	0TR	05MS-05S	0TMS	1.2	05MS
279	NURSI	30S	80S	70MS	70S	05R	10MR	15S	05S-10S	40S	33.4	80S
280	PS-CK	50S	90S	70S	80S	05R	99S	20VS	40S-50S	20S	52.2	99S

241-280 E

-122-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	Kragujevic	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
241	MAGNIF 14	40	20	80	65	--	51.2	80	3
242	MAGNIF 14	40	05	40	15	0T	20.2	40	2
243	294944	50	20	60	90	20	48.0	90	1
244	294987	60	20	80	90	20	54.0	90	1
245	294984	50	20	40	85	20	43.0	85	1
246	294967	20	10	40	60	0T	26.2	60	-
247	294965	30	05	50	50	10	29.0	50	1
248	OSOIZA	40	10	40	65	0T	31.2	65	-
249	MURGASCH	40	20	30	70	0T	32.2	70	-
250	MAZART	40	05	40	60	10	31.0	60	2
251	ODESS 21	40	25	40	70	0T	35.2	70	2
252	BELOZ 37	40	20	50	70	10	38.0	70	1
253	ACKER RAY	30	20	60	30	10	30.0	60	2
254	KRASNO	40	05	00	20	10	15.0	40	2
255	JERAWINO	40	05	40	30	0T	23.2	40	-
256	FELDS GRA	20	05	00	30	0T	11.2	30	2
257	DSURA 25-	40	10	30	50	10	28.0	50	1
258	DOLNA	40	10	00	50	10	22.0	50	-
259	PUD CERVE	40	20	30	60	10	32.0	60	-
260	PS-CK	40	15	50	50	10	33.0	50	-
261	ALBENA	50	15	40	35	10	30.0	50	2
262	DORRUDZA	50	20	50	50	10	36.0	50	1
263	DOB 100-1	60	60	60	80	40	60.0	80	2
264	ERYTHRO	50	20	40	30	0T	28.2	50	1
265	FERUG	50	30	53	20	10	32.6	53	2
266	KALIAKRA	60	25	60	45	20	42.0	60	1
267	NADEZDA 2	60	25	40	70	60	51.0	70	1
268	RUSALKA	40	15	60	40	10	33.0	60	2
269	SAD RAN 3	60	40	70	65	0T	47.2	70	-
270	APUL 233	50	15	40	45	60	42.0	60	-
271	HORD 1522	40	20	40	30	20	30.0	40	2
272	DRUCH 194	40	25	30	60	0T	31.2	60	2
273	298400	40	10	40	65	10	33.0	65	2
274	CAP DES	30	05	00	40	0T	15.2	40	1
275	ABONDANCE	40	10	40	30	10	26.0	40	2
276	PONCHEAU	20	02	30	35	0T	17.6	35	2
277	COUTICHES	20	05	30	20	0T	15.2	30	1
278	293000	03	TR	30	0T	00	7.0	30	2
279	NURSI	40	40	30	80	40	46.0	80	2
280	PS-CK	50	05	50	60	20	37.0	60	-

241-280 F

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
241	MAGNIF 14	3	8	5.5	8
242	MAGNIF 14	3	8	5.5	8
243	294944	-	4	4.0	4
244	294987	-	4	4.0	4
245	294984	2	3	2.5	3
246	294967	-	3	3.0	3
247	294965	2	2	2.0	2
248	OSOIZA	-	2	2.0	2
249	MURGASCH	3	4	3.5	4
250	MAZART	2	3	2.5	3
251	ODESS 21	2	3	2.5	3
252	BELOZ 37	-	4	4.0	4
253	ACKER BAY	-	2	2.0	2
254	KRASNO	4	2	3.0	4
255	JERAWINO	2	2	2.0	2
256	FELDS GRA	-	4	4.0	4
257	DSURA 25-	-	5	5.0	5
258	DOLNA	-	4	4.0	4
259	PUD CERVE	2	3	2.5	3
260	PS-CK	2	3	2.5	3
261	ALBENA	1	3	2.0	3
262	DORRUDZA	2	5	3.5	5
263	DOB 100-1	2	3	2.5	3
264	ERYTHRO	-	7	7.0	7
265	FERUG	2	6	4.0	6
266	KALIAKRA	-	4	4.0	4
267	NADEZDA 2	-	3	3.0	3
268	RUSALKA	2	9	5.5	9
269	SAD RAN 3	3	7	5.0	7
270	APUL 233	-	2	2.0	2
271	HORD 1522	-	3	3.0	3
272	DRUCH 194	-	2	2.0	2
273	298400	3	2	2.5	3
274	CAP DES	-	2	2.0	2
275	ABONDANCE	2	3	2.5	3
276	PONCHEAU	3	3	3.0	3
277	COUTICHES	-	2	2.0	2
278	293000	2	3	2.5	3
279	NURSI	2	1	1.5	2
280	PS-CK	-	3	3.0	3

241-280 G

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA		KOREA	SUMMARY	
		PROBSTDORF	SUWON		AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
241	MAGNIF 14	6	0		3.0	6
242	MAGNIF 14	6	0		3.0	6
243	294944	7	0		3.5	7
244	294987	5	0		2.5	5
245	294984	5	1		3.0	5
246	294967	3	0		1.5	3
247	294965	7	0		3.5	7
248	OSOIZA	7	0		3.5	7
249	MURGASCH	7	0		3.5	7
250	MAZART	8	0		4.0	8
251	ODESS 21	3	0		1.5	3
252	BELOZ 37	8	0		4.0	8
253	ACKER BAY	7	0		3.5	7
254	KRASNO	7	0		3.5	7
255	JERAWINO	8	0		4.0	8
256	FELDS GRA	6	0		3.0	6
257	DSURA 25-	7	0		3.5	7
258	DOLNA	8	0		4.0	8
259	PUD CERVE	6	0		3.0	6
260	PS-CK	6	0		3.0	6
261	ALRENA	7	0		3.5	7
262	DOBRUDZA	6	0		3.0	6
263	DOR 100-1	8	0		4.0	8
264	ERYTHRO	7	2		4.5	7
265	FERUG	7	0		3.5	7
266	KALIAKRA	8	0		4.0	8
267	NADEZDA 2	7	0		3.5	7
268	RUSALKA	8	3		5.5	8
269	SAD RAN 3	8	0		4.0	8
270	APUL 233	7	2		4.5	7
271	HORD 1522	7	0		3.5	7
272	DRUCH 194	7	0		3.5	7
273	298400	7	0		3.5	7
274	CAP DES	7	0		3.5	7
275	ABONDANCE	7	2		4.5	7
276	PONCHEAU	6	2		4.0	6
277	COUTICHES	6	4		5.0	6
278	293000	6	2		4.0	6
279	NURSI	5	0		2.5	5
280	PS-CK	7	0		3.5	7

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
281	CARLETON	000	70S	05R	30MR	60MS	000	25S	0TR
282	PIRA 735	000	70S	10MR	0TR	000	0TVR	---	0TR
283	KOLIBRI	60S	99S	40S	99VS	70MS	0TR-20S	40S	50S-60S
284	315995	40S	99S	000	99VS	70MS	20MS	---	0TR
285	315991	10MR	90S	000	99VS	70MS	000	10R	05MS-05S
286	315984	05MR	90S	000	30S	80MS	10MS	---	0TR
287	84523	70S	10S	000	80S	80MS	45MS	25S	40S-50S
288	290513	50S	10S	000	80S	85MS	25MS	10S	10S
289	I.1.1614	50S	70S	10S	80S	80MS	25MS	---	40S-50S
290	I.1.1725	40S	90S	000	80S	70MS	05MR	05R	30S-40S
291	LAHOTA	---	05MR	000	50MS	70MS	000	---	0TR
292	BAR BAG	60S	05S	000	50MS	000	25MS	---	0TR
293	RULOFEN	0TR	0TS	000	20MR	000	0TR,25MS	---	0TMS
294	PW MONRO	20MS	05S	000	30MS	000	65MS	---	05S-10S
295	NADADORES	20MS	0TMR	000	0TR	000	000	---	0TR
296	294590	---	20S	000	80S	20MS-80MS	0TR	40S	05MS-05S
297	JOSS CAMB	60S	90S,10S	000	80S	80MS	65MS	---	70S-80S
298	TADORNA	60S	99S	000	99VS	80MS	40MS	---	50S-60S
299	WS-6	000	0TMS	0TR	80S	70MS	40MS	---	05S-10S
300	PS-CK	80S	90S	90S	80S	90MS	05S-65S	25S	50S-60S
301	RIBERO	10MR	50S	10R	80S	80MS	0TR,10S	25S	10S-20S
302	268012	50S	90S	60S	80S	80MS	25MS	40S	40S-50S
303	RATISTA	60S	90S	50S	80S	80MS	25MS	99VS	20S-30S
304	AK M 800G	50S	99S	40MS	80S	80MS	25S	40S	60S-70S
305	94472	60S	99S	000	80S	90MS	0TR,99S	25S	40S-50S
306	94442	---	30S	10R	30MR	80MS	0TR	---	0TR
307	94335	20MS	10S	000	10MR	000	0TR	25MR	0TR
308	SAK 10	---	20S	40S	30MS	50MS	000	10MR	05S-10S
309	RED EGYPT	40S	30S	10R	30MR	60MS	0TR-05MS	10MR	0TR
310	277013	30S	40S	70S	50MS	70MS	000	25S	0TR
311	277016	40S	20S	30S	50MS	30MS	000	10MR	0TR
312	321967	20MS	50S	20MS	50MS	80MS	0TR-05S	25MR	0TR
313	R-968	000	60S	000	50MS	60MS	0TR	10R	057S-05S
314	ARBASAK	40S	70S	10S	30MR	70MS	25MS	10MR	10S
315	167870	40S	50S	30S	80S	70MS	0TR-05R	25S	05MS-05S
316	KS 63326	10MR	30S	000	50MR	70MS	0TVR	---	0TR
317	CARIBOU	20MS	05S	---	0TR	20MS	0TVR	10MR	70S-80S
318	NB68448	10MR	70S	000	10MR	60MS	0TR	---	0TR
319	NE 71204	03R	60S	000	80S	45MS	0TR-05MS	---	0TR
320	PS-CK	60S	80S	000	80VS	85MS	65S	25S	70S-80S

281-320 A

-106-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP.	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES	PUERTO RICO	PUERTO RICO	SUMMARY	
		S. AFRICA							AVERAGE	HIGHEST
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	MAYAGUEZ	LAJAS	COEFFICIENT OF INFECTION	READING
281	CARLETON	---	60S	20S	80MS	---	---	0TR	25.0	70S
282	PIRA 735	05S	40S	---	05S	10S	30S	30S	14.9	70S
283	KOLIBRI	45S	80S	05S	99VS	---	60S	40S	55.2	99VS
284	315995	35S	40S	---	90VS	20S	000	20MR	38.7	99VS
285	315991	0TR	80S	---	90VS	05MS	05S	20MR	31.5	99VS
286	315984	25S	80S	0TS	90VS	20S	05MR	05R	29.5	90VS
287	84523	35S-05MS	60S	---	99VS	40S	20S	40S	44.2	99VS
288	290513	---	60S	05S	99VS	20S	50S	40S	37.2	99VS
289	I.1.1614	55S	60S	10S	99VS	40S	40S	40S	48.4	99VS
290	I.1.1725	85S	40S	02S	90VS	10S	---	50S	41.1	90VS
291	LAHOTA	---	40S	---	70MR	---	---	000	18.4	70MS
292	RAR BAG	---	60S	---	40MS	---	---	---	24.1	60S
293	RULOGEN	---	0TR	---	0TMR	0TR	---	0TR	1.0	20MR
294	PW MONRO	---	10MR	---	0TVS-90VS	---	---	05R	10.8	65MS
295	NADADORES	---	05S	---	30VR	10S	60S	10S	8.9	60S
296	294590	25S	60S	---	99VS	---	---	0TR	31.3	99VS
297	JOSS CAMB	90S	60S	10S	99VS	10S	60S	30S	55.3	99VS
298	TADORNA	90S	80S	40S	99VS	40S	40S	70S	61.6	99VS
299	WS-6	---	20MS	---	99VS	---	---	---	32.1	99VS
300	PS-CK	---	99S	60S	99VS	40S	---	90S	67.6	99VS
301	RIBERO	55S	99S	0TS	99MS	---	---	30S	38.4	99S
302	268012	85S	80S	60S	99VS	40S	60S	60S	61.8	99VS
303	RATISTA	95S	60S	10S	99VS	---	70S	60S	62.6	99VS
304	AK M 800G	99S	99S	30S	99VS	60S	40S	40S	61.1	99VS
305	94472	99S	80S	10S	99VS	80S	60S	50S	56.9	99VS
306	94442	---	40MS	---	70VS	40S	---	---	27.8	70VS
307	94335	15MR	40S	---	60MS	0TS	000	05R	9.7	60MS
308	SAK 10	05R	60S	---	60VS	---	---	0TR	23.1	60VS
309	RED EGYPT	75S	80S	---	60VS	40S	30MS	40S	32.5	80S
310	277013	---	60S	---	60VS	0TS	---	---	34.7	70S
311	277016	000	60S,0TR	---	40MS	---	---	---	22.7	60S,0TR
312	321967	15MR	20S	---	99VS	40S	05MR	05R	26.0	99VS
313	R-968	0TR	60S	---	20VS	60S	000	0TR	21.1	60S
314	ARRASAK	---	40S	---	99VS	05S	30S	0TR,30S	30.4	99VS
315	167870	25S	99S	---	99VS	05MS-05S	0TR	0TR	36.6	99VS
316	KS 63326	50MR	60S	05S	20MS	05MS-05S	---	20R	16.8	60S
317	CARIBOU	40S	---	---	60MR	000	---	000	15.9	70S
318	NB68448	65S	80S	---	10S	10S	40S	40S	28.5	80S
319	NE 71204	50MR	80S	---	60MS	10S	20MR	30S	28.6	80S
320	PS-CK	---	99S	---	99VS	40S	80S	80S	65.0	99VS

-107-

281- 320 B

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
281	CARLETON	000	000	40M	25MS	25MR	---	0TMR	---
282	PIRA 735	000	05MS	0TR	000	65S	---	05MS	05R
283	KOLIBRI	000	10MS	80S	0TR-10MS	65S	25MS	10S	---
284	315995	---	60MR	90S	0TR-10MS	65S	45MS	80S	05R
285	315991	05MR	40MS	90MS	20MS	65MR	0TR	02MS	05R
286	315984	40S	10MS	30M	10MS	40MR	25MS	10S	05R
287	84523	000	20MS	90VS	05MR-65S	65S	15MS	99S	0TR-0TS
288	290513	70S	30MS	80S	40MS	65S	---	60S	---
289	I.1.1614	60S	30MS	99VS	40MS	40MR	25S	40S	---
290	I.1.1725	000	30MS	10MR	05MR-25M	40S	25S-10MR	0TS	---
291	LAHOTA	05S	40MR	---	65S	65S	---	02S	---
292	BAR BAG	---	30MR	---	25MS	25MR	---	0TS	---
293	RULOFEN	000	000	70M	0TR,65S	40MR	---	---	05R
294	PW MONRO	000	05MS	90S	25S	25R	---	---	---
295	NADADORES	000	05MR	40R	0TR-05R	25MR	---	---	05R
296	294590	000	10MS	---	0TR-05M	40S	---	0TMS	05R
297	JOSS CAMB	30S	20MS	90VS	65MS	99S	75S	40S	0TR-0TS
298	TADORNA	15MS	30MS	80MS	25S	65S	65S	10S	---
299	WS-6	---	30MR	---	40MS,99S	25MR	---	---	---
300	PS-CK	40S,000	60MS	99VS	25S-99S	65S	---	99S	90S
301	RIBERO	000	50MS	---	40S	40S	65S,10MR	---	05R
302	268012	000	30MS	70M	10MS	40S	65S	10S	10MR
303	BATISTA	000	20MS	---	0TR-10MS	65S	---	---	20MR
304	AK M B00G	70S	20MS	99VS	25S-99S	40S	85S	50S	60S
305	94472	40S	20MS	99VS	99VS	65S	85S	30S	40S
306	94442	---	10MS	---	0TR	10MR	---	---	---
307	94335	05MS	10MS	60MR	10M	65MR	0TMR	0TMR	---
308	SAK 10	000	10MS	30MS	10M	25MR	05R	0TMR	05R
309	RED EGYPT	20MS-20S	10MR	99VS	40MS	65S	70MS	80S	20MS
310	277013	000	50MS	99VS	25MS	65S	0TR	---	---
311	277016	10S	10MS	99VS	25S-99S	40S	---	---	60S
312	321967	30S	20MR	20MR	25S-99S	40MR	05MR	60S	60S
313	R-968	80S	60MR	70MS	99VS	65S	0TR	40S	40MS
314	ARRASAK	000	40MR	90MS	10M-65S	65S	---	20MS	05R
315	167870	80S	70MS	99VS	99S	65S	35MS	40S	80S
316	KS 63326	000	60MS	05R	0TR	05R	35MR	10MS	05R
317	CARIBOU	000	20MS	05VS	000	25S	90MS	60MS	60S
318	NR68448	000	40MS	10R	0TVR	65S	30MS	10MS	20R
319	NE 71204	000	20MS	70MS	10MS	40S	65R	60S	20MR
320	PS-CK	10S-10MS	60MS	99VS	65S	65S	---	40S	80S

-108-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
281	CARLETON	20S	05MR	10R	000	0TVR	30MS	8.5	30MS
282	PIRA 735	0TR	01R	0TR	000	000	30S	8.0	65S
283	KOLIBRI	50S	15S	10R	000	60S	---	25.8	80S
284	315995	30S	20S	10R	000	0TS	---	29.1	90S
285	315991	40S	10MS	10R	40MR	0TS	---	16.7	90MS
286	315984	20S	10MS	20MR	000	0TS	70S	16.2	70S
287	84523	50S	15MS	70S	000	60S	70S	39.0	99S
288	290513	70S	10S	70S	20R	60S	70S	51.2	80S
289	I.1.1614	40S	15MS	70S	000	40S	70S	40.6	99VS
290	I.1.1725	20MS	05R	0TR	000	0TS	60S	13.4	60S
291	LAHOTA	40S	10MS	10MR	000	60S	40S	27.7	65S
292	BAR BAG	50S	10S	60S	000	20R	---	18.5	60S
293	RULOFEN	60S	10MR	30MR	000	05MR	70S	17.2	70S
294	PW MONRO	80S	10MS	30MR	000	60S	---	28.4	90S
295	NADADORES	0TR	01R	20R	000	0TS	05S	2.6	25MR
296	294590	000	05MR	30MR	000	0TR	000	5.3	40S
297	JOSS CAMB	70S	10S	30MR	000	40S	70S	43.1	99S
298	TADORNA	70S	15S	30MR	000	30S	20S	31.6	70S
299	WS-6	60S	05MR	---	---	10S	---	21.0	60S
300	PS-CK	60S	15S	60S	40VS	70S	80S	60.8	99S
301	RIBERO	000	10MS	---	000	05MR	---	19.6	65S, 10MR
302	268012	20S	10MR	30MR	0TR	0TMR	10MR	16.6	65S
303	RATISTA	40S	000	30MR	70VR	10R	---	15.7	65S
304	AK M 8006	90S	15S	70S	90S	90S	70S	62.1	99VS
305	94472	80S	15S	80S	90VS	60S	70S	62.0	99VS
306	94442	40S	05MR	---	000	05R	---	7.8	40S
307	94335	60MS	15MS	0TR	000	60S	10S	15.3	60S
308	SAK 10	0TR	05R	---	000	000	---	4.3	30MS
309	RED EGYPT	60S	15S	60S	20S	90S	90S	50.2	99VS
310	277013	70S	05MS	40MS	000	80S	80S	40.8	99VS
311	277016	70S	10MR	30MS	000	80S	---	38.1	99VS
312	321967	70S	15S	80S	000	80S	40S	35.2	80S
313	B-968	70S	10S	70S	10MS	70S	50S	48.1	99VS
314	ARBASAK	70S	10MR	30MR	0TR	90S	40S	30.1	90S
315	167870	90S	15S	80S	30VS	90S	90S	67.2	99S
316	KS 63326	05MS	000	0TR	000	90S	0TR	11.9	90S
317	CARIROU	80S	000	0TS	0TR	80S	70VS	32.6	80S
318	NR68448	30S	10MS	40MS	000	40S	20MS	18.6	65S
319	NE 71204	40S	05MR	40MS	10S	60S	40S	27.5	60S
320	PS-CK	60S	15S	60S	30VS	80S	70S	55.5	99VS

281-320 D

-109-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
281	CARLETON	70S	30MR	10MR	90S	10R	70S	05MR	0TR	05MR	28.0	90S
282	PIRA 735	05S	20MR	30M	30MS	0TR	60S	0TR	0TR	10S	13.9	60S
283	KOLIBRI	05MR	10MR	000	0TR	000	10MR	0TR	0TR	0TMR	1.2	10MR
284	315995	10S	05MR	000	000	000	10MR	01R	05S-10S	0TMS	2.4	10S
285	315991	000	000	000	0TR	000	10MR	20MR	10MS-10S	000	2.2	10MS
286	315984	05S	0TR	30MS	0TR	10MR	80S	05R	0TR	000	12.7	80S
287	84523	30S	10MR	50MS	40MS	0TR	60S	05MS	10S-20S	0TMS	20.1	60S
288	290513	40S	40MS	60MS	20MS	000	60S	0TR, 05S	05S-10S	0TMS	22.4	60S
289	1.1.1614	10S	0TR	0TR	40MS-40S	000	60S	01R	0TR	0TMR	11.4	60S
290	1.1.1725	50S	40MS	20M	40S	0TR	60S	05S	0TR	05S	22.7	60S
291	LAHOTA	50S	0TR	20MS	60S	10R	99S	02MR	40S-50S	20S	32.0	99S
292	BAR BAG	90S	80MS	80S	90S	10MS	99S	25VS	30S-40S	20S	56.2	99S
293	RULOFEN	60S	90S	60S	60MS	20MR	60S	02M	05MR-05MS	0TS	36.6	90S
294	PW MONRO	60S	70MS	40MS	60MS	05MS	50S	05R, 05S	10S	05MS	29.4	60S
295	NADADORES	000	0TR	0TR	10MR	05R	10MR	02R	0TR	0TS	1.2	10MR
296	294590	---	10MR	20MR	20MR-20MS	05R	60S	02R	10MS-10S	0TS	11.3	60S
297	JOSS CAMP	0TMR	05MR	000	05R	000	10MR	02R	0TR	000	0.8	10MR
298	TADORNA	05MS	10MR	000	0TR	000	80S	10S	0TR	0TR	10.9	80S
299	WS-6	80S	70MS	90S	---	000	99S	25VS	0TR	05S	44.4	99S
300	PS-CK	99S	99S	90S	70S	20MS	99S	40VS	50S-60S	30S	65.8	99S
301	RIBERO	20MS	0TR	000	10MR	000	99S	05R	30S-40S	0TS	16.8	99S
302	268012	000	10M	000	20MS	000	99S	0TM	10MS-10S	0TR	14.4	99S
303	BATISTA	000	10MR	10MR	0TR	000	99S	0TR	0TR	0TR	11.9	99S
304	AK M 800G	99S	99S	99S	90S	---	99S	90VS	60S-70S	60S	87.0	99S
305	94472	99S	99S	99S	80S	20MS	99S	50VS	30S-40S	40S	68.0	99S
306	94442	99S	90S	99S	70S	10MR	99S	50VS	30S-40S	20S	62.3	99S
307	94335	90S	90S	70MS	70S	10MR-10MS	99S	30MS	30S-40S	20S	53.6	99S
308	SAK 10	0TMR	0TR	10R	05MR	05R	30S	02MR	0TR	0TR	4.0	30S
309	RED EGYPT	99S	90S	99S	30S	10MR	30S	05M	10S-20S	0TR	40.5	99S
310	277013	0TMS	60MS	70S	0TMR	000	30S	02R	05S-10S	000	17.1	70S
311	277016	05S	20MR, 90S	80S	60MS	05MR	50S	02S	0TR	0TR	21.7	80S
312	321967	90S	60MS	30R	60MR-60MS	30MS-30S	60S	30MS	05S-10S	10MS	32.1	90S
313	B-968	05MS	30MR	30MR	05R, 40MS	000	60S	15MR	05S-10S	05MS	11.5	60S
314	ARBASAK	05S	05MR	30MS	30MS	000	30S	0TR	10S-20S	05MS	11.0	30S
315	167870	90S	99S	99S	30MS	10MS	30S	10S	40S-50S	05S	45.0	99S
316	KS 63326	50S	40MS	10MR	10MR-10MS	20MS	80S	20MS	20S	10MS	25.5	80S
317	CARIBOU	05MR	000	000	05R	---	30S	000	---	---	5.5	30S
318	NB68448	05MR	05R	20MS	40MS	20MR	60S	0TMR	0TR	0TR	13.3	60S
319	NE 71204	30S	90S	99S	30MS-30S	10MS	80S	25VS	20S-30S	10S	42.8	99S
320	PS-CK	90S	99S	90S	80S	20MR-20MS	80S	25VS	70S-80S	30S	63.5	99S

281-320 E

-110-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
281	CARLETON	10	TR	00	0T	--	3.0	10	1
282	PIRA 735	50	20	50	50	20	38.0	50	1
283	KOLIBRI	02	TR	00	0T	--	1.0	02	2
284	315995	40	25	60	10	10	29.0	60	1
285	315991	05	TR	50	50	0T	21.4	50	1
286	315984	20	02	30	20	0T	14.6	30	1
287	84523	40	TR	00	40	00	16.2	40	-
288	290513	40	20	00	30	0T	18.2	40	1
289	I.1.1614	50	10	30	70	0T	32.2	70	1
290	I.1.1725	60	20	50	70	00	40.0	70	1
291	LAHOTA	--	05	00	10	--	5.0	10	2
292	BAR BAG	50	30	70	80	--	57.5	80	2
293	RULOFEN	00	00	00	0T	00	0.2	00	1
294	PW MONRO	50	25	45	40	--	40.0	50	-
295	NADADORES	40	05	50	0T	20	23.2	50	1
296	294590	--	15	40	50	--	35.0	50	2
297	JOSS CAMB	50	30	80	50	20	46.0	80	2
298	TADORNA	40	20	60	10	20	30.0	60	3
299	WS-6	40	05	70	70	--	46.2	70	1
300	PS-CK	50	50	50	40	20	42.0	50	-
301	RIBERO	50	45	60	40	--	48.7	60	2
302	268012	40	20	60	75	10	41.0	75	1
303	BATISTA	50	15	40	85	--	47.5	85	2
304	AK # 800G	80	25	70	90	40	61.0	90	-
305	94472	60	70	60	65	60	63.0	70	1
306	94442	--	30	60	50	60	50.0	60	3
307	94335	40	02	30	10	0T	16.6	40	2
308	SAK 10	--	15	40	50	--	35.0	50	2
309	RED EGYPT	60	10	50	60	20	40.0	60	1
310	277013	40	25	60	45	20	38.0	60	3
311	277016	40	02	50	15	0T	21.6	50	2
312	321967	50	40	50	80	10	46.0	80	2
313	R-968	40	30	50	70	40	46.0	70	2
314	ARBASAK	40	10	60	50	00	32.0	60	1
315	167870	70	60	60	60	40	58.0	70	-
316	KS 63326	70	20	40	50	10	38.0	70	1
317	CARIBOU	60	10	00	00	00	14.0	60	1
318	NB68448	40	10	50	05	0T	21.2	50	2
319	NE 71204	50	40	60	40	0T	38.2	60	-
320	PS-CK	50	25	50	50	10	37.0	50	-

281-320 F

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
281	CARLETON	2	1	1.5	2
282	PIRA 735	-	1	1.0	1
283	KOLIBRI	4	3	3.5	4
284	315995	-	3	3.0	3
285	315991	2	2	2.0	2
286	315984	-	4	4.0	4
287	84523	2	3	2.5	3
288	290513	-	1	1.0	1
289	I.1.1614	-	2	2.0	2
290	I.1.1725	2	2	2.0	2
291	LAHOTA	4	7	5.5	7
292	BAR BAG	4	8	6.0	8
293	RULOFEN	2	8	5.0	8
294	PW MONRO	2	8	5.0	8
295	NADADORES	2	8	5.0	8
296	294590	2	4	3.0	4
297	JOSS CAMB	-	4	4.0	4
298	TADORNA	-	4	4.0	4
299	WS-6	3	8	5.5	8
300	PS-CK	2	2	2.0	2
301	RIRERO	2	3	2.5	3
302	268012	-	2	2.0	2
303	RATISTA	2	-	2.0	2
304	AK M BOOG	2	2	2.0	2
305	94472	-	2	2.0	2
306	94442	2	-	2.0	2
307	94335	3	2	2.5	3
308	SAK 10	2	2	2.0	2
309	RED EGYP	2	2	2.0	2
310	277013	-	-	0.0	0
311	277016	2	-	2.0	2
312	321967	-	2	2.0	2
313	R-968	-	3	3.0	3
314	ARBASAK	2	2	2.0	2
315	167870	2	-	2.0	2
316	KS 63326	-	2	2.0	2
317	CARIBOU	-	2	2.0	2
318	NB68448	-	3	3.0	3
319	NE 71204	-	4	4.0	4
320	PS-CK	1	5	3.0	5

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PROBSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
281	CARLETON	3	1	2.0	3
282	PIRA 735	6	0	3.0	6
283	KOLIBRI	6	2	4.0	6
284	315995	6	0	3.0	6
285	315991	4	3	3.5	4
286	315984	6	2	4.0	6
287	84523	6	0	3.0	6
288	290513	7	0	3.5	7
289	I.1.1614	5	0	2.5	5
290	I.1.1725	6	0	3.0	6
291	LAHOTA	-	3	3.0	3
292	RAR BAG	7	4	5.5	7
293	RULOFEN	5	1	3.0	5
294	PW MONRO	6	6	6.0	6
295	NADADORES	3	2	2.5	3
296	294590	-	5	5.0	5
297	JOSS CAMB	7	0	3.5	7
298	TADORNA	6	0	3.0	6
299	WS-6	6	0	3.0	6
300	PS-CK	6	2	4.0	6
301	RIBERO	5	0	2.5	5
302	268012	7	2	4.5	7
303	BATISTA	5	2	3.5	5
304	AK M BOOG	8	0	4.0	8
305	94472	8	0	4.0	8
306	94442	-	3	3.0	3
307	94335	5	0	2.5	5
308	SAK 10	-	6	6.0	6
309	RED EGYPT	7	0	3.5	7
310	277013	8	4	6.0	8
311	277016	5	2	3.5	5
312	321967	5	0	2.5	5
313	B-968	7	4	5.5	7
314	ARRASAK	5	2	3.5	5
315	167870	8	0	4.0	8
316	KS 63326	7	0	3.5	7
317	CARIBOU	0	2	1.0	2
318	NB68448	5	0	2.5	5
319	NE 71204	7	2	4.5	7
320	PS-CK	7	0	3.5	7

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
321	NE 71209	000	80S	000	50MS	60MS	05MS	---	40S-50S
322	NE 71371	10MR	99S	000	50MS	40MS	0TR	05R	05S-10S
323	NE 71212	000	99S	000	80S	30MS	0TR	---	0TR
324	NE 71214	000	99S	000	20MR	40MS	0TR-10MS	---	10S-20S
325	NE 71327	000	90S	000	20MR	40MS	0TVR	25MR	0TR
326	NE 71326	10MR	99S	000	20MR	30MS	0TR	---	0TR
327	NE 71215	0TR	30S	000	20MR	10MS	0TVR	25MR	10S-20S
328	NE 71216	0TR	60S	000	20MR	20MS	0TVR	10R	10S
329	NE 71332	000	70S	000	20MR	20MS	0TR	---	0TR
330	NE 71226	0TR	70S	000	20MR	000	0TR	25MR	05S-10S
331	NE 71228	0TR	90S	000	20MR	30MS	0TR	---	10S-20S
332	NE 71232	000	90S	000	20MR	40MS	0TR	10S	0TR
333	NE 71233	0TR	90S	000	20MR	50MS	0TR	---	40S-50S
334	NE 71235	03R	90S	000	20MR	40MS	0TR	10S	10S-20S
335	NE 71236	000	90S	000	20MR	20MS	0TR	25S	0TR
336	NE 71237	20MS	90S	000	20MR	20MS	0TR-10MS	---	20S-30S
337	NE 71244	000	90S	000	20MR	30MS	0TR	05R	0TR
338	NE 71245	10MR	90S	000	20MR	30MS	0TVR	10MR	0TR
339	NE 71247	000	90S	000	20MR	40MS	0TVR	10MR	10MS-10S
340	PS-CK	50S	90S	60S	60S	90MS	0TR,99S	25S	60S-70S
341	NE 71248	0TR	40S	000	30MR	000	0TR	---	0TR
342	NE 71249	0TR	30S	000	30MR	000-70MS	0TR-05M	10MR	0TR
343	NE 71357	05R	60S	000	0TR	60MS	---	---	0TR
344	NE 71345	000	99S	000	0TR	30MS	0TR,65MS	---	0TR
345	NE 71376	000	90S	000	0TR	20MS	0TR,10MS	05R	0TR
346	NE 71281	03R	90S	000	10MR	60MS	0TR	---	0TR
347	NE 71353	000	99S	000	30MR	60MS	0TR-05M	---	0TR
348	NE 71362	000	99S	000	10MR	30MS	65MS	05R	05S-10S
349	NE 71363	000	99S	000	0TR	20MS	0TR,65MS	---	0TR
350	NE 71364	000	90S	000	10MR	20MS	40M	---	10S
351	NE 71366	000	99S	000	60MS	50MS	0TR	---	0TR
352	NE 71370	0TR	90S	000	30MS	60MS	0TR	---	0TR
353	NE 71275	000	90S	000	10MS	40MS	0TVR	---	0TR
354	NE 71253	03R	60S	000	60MS	40MS	0TVR	10R	0TR
355	NE 71256	10MR	60S	000	10MR	20MS	0TR	---	0TR
356	NE 71259	20MS	90S	000	10MR	50MS	0TVR	---	05S
357	NE 71261	10MR	90S	000	20MR	40MS	0TR	---	10MS-10S
358	NE 71266	20MS	99S	000	50MS	80MS	0TR-05MS	40S	05MS-05S
359	NE 71267	30S	60S	000	80MS	70MS	25S	10R	05S-10S
360	PS-CK	50S	80S	80S	80S	70MS	25S-99S	65S	60S-70S

321-360 A

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP. S. AFRICA	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES	PUERTO RICO	PUERTO RICO	SUMMARY	
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	MAYAGUEZ	LAJAS	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
321	NE 71209	45S,25R	80S	---	70MS	20MS-20S	---	10S	34.9	80S
322	NE 71371	65S,65MR	80S	---	20VS-99VS	20S	10MR	---	28.4	99S
323	NE 71212	65S	99S	---	10S	40S	50S	30S	38.2	99S
324	NE 71214	70S	99S	---	80S	40S	---	10R-20S	36.6	99S
325	NE 71327	75S	99S	---	60S	20S	60S	10R-10S	32.6	99S
326	NE 71326	15S,25MR	99S	0TS	10S	20S	40S	---	24.6	99S
327	NE 71215	0TR	60S	---	90VS	0TR,0TS	000	05MR	15.6	90VS
328	NE 71216	0TMS	60S,0TR	---	90MS	0TR,0TS	05MS	---	17.9	90MS
329	NE 71332	0TMS	60S,0TR	---	05VS-60VS	05MS-05S	20S	0TR	14.1	70S
330	NE 71226	0TMS	60S	---	90VS	0TR	10R	05R	17.6	90VS
331	NE 71228	05S,10MR	60S	---	90MS	0TR,0TS	000	10R	20.8	90S
332	NE 71232	10MS	60S	---	90VS	0TR	0TR	05R-05MR	21.4	90VS
333	NE 71233	05S,0TMR	60S	---	99VS	0TR,0TS	05MR	0TR	26.5	99VS
334	NE 71235	30S	80S	---	99VS	0TR,0TS	05MS	0TR-0TS	26.0	99VS
335	NE 71236	05S,20MR	60S	---	90VS	10S	20S	30MS	24.8	90VS
336	NE 71237	65S	80S	---	90VS	0TR	30MR	0TR	30.5	90VS
337	NE 71244	65S	60S	0TS	30VS	40S	---	40S	25.6	90S
338	NE 71245	85S	60S	10S	30VS	40S	50S	40MR	28.0	90S
339	NE 71247	85S	60S	60S	30VS	40S	70S	50S	35.8	90S
340	PS-CK	85S	99S	---	99VS	60S	80S	90S	66.4	99VS
341	NE 71248	85R,40S	60S	0TS	15MS	0TR	---	10MR	11.2	60S
342	NE 71249	85R-85S	60S	05S	10MS	0TR,20S	30S	000	11.1	60S
343	NE 71357	65S	80S	---	10VS	20S	0TR	10S	24.5	80S
344	NE 71345	15S	80S	0TS	10S	05MS-05S	20S	10MS	18.6	99S
345	NE 71376	20MR-20S	80S	---	10S	0TR	20S	05R	16.2	90S
346	NE 71281	10MR-10S	80S	---	10S	05R-05MR	30MS	0TMS	20.2	90S
347	NE 71353	30S	80S	---	50S	20S	20S	000	27.6	99S
348	NE 71362	10S	40S	0TS	40S	0TR-0TS	10S	---	20.4	99S
349	NE 71363	05S	40S	0TS	40VS	0TR	---	---	16.8	99S
350	NE 71364	0TMR	40S	0TS	60VS	10S	---	---	21.2	90S
351	NE 71366	15S	80S	---	30S	40S	---	10S	30.2	99S
352	NE 71370	0TMR-10S	80S	0TS	0TS	10MS-10S	20S	05S	19.8	90S
353	NE 71275	000-60S	80S	---	50VS	10MS-10S	000	30MR	21.5	90S
354	NE 71253	85S,50MS	40S	---	60S	40S	50S	60S	34.1	85S,50MS
355	NE 71256	07S	60S	0TS	80VS	10MS-10S	30R	10MR	17.8	80VS
356	NE 71259	0TMR	60S	0TS	99VS	10MS-10S	000	20MR-20S	23.6	99VS
357	NE 71261	50MR,05S	60S	---	90VS	10MS-10S	---	0TR	26.7	90VS
358	NE 71266	65S	60S	---	60S	40S	50S	05R,10S	38.5	99S
359	NE 71267	50S	40S	---	99VS	60S	70S	30S-30S	42.2	99VS
360	PS-CK	99S	80S	0TS	99VS	60S	---	50S	63.2	99VS

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
321	NE 71209	05MS	10MS	40M	40MS	40MR	25R	10MS	10MR
322	NE 71371	05MS	000	60M	0TR	65MR	25MR	05MR	05R
323	NE 71212	000	20MS	90S	40S	65S	40S	99S	20MS
324	NE 71214	000	10MR	90MS	05MS	65S	35S	20S	40MS
325	NE 71327	000	30MR	70MS	05R-40MS	65S	25MS	40S	20MS
326	NE 71326	000	20MR	99S	0TR-05M	65S	10MR	99S	10MR
327	NE 71215	000	10MR	40M	10MS	65S	25VR	40S	---
328	NE 71216	000	30MS	40MS	40MS	65S	0TMS	60S	10MR
329	NE 71332	000	10MR	60S	40M	40MR	05MS	40S	10MR
330	NE 71226	000	10MR	40M	60S	65S	0TMR	60S	---
331	NE 71228	000	20MR	90MS	65S	65S	05MR	60MS	---
332	NE 71232	000	10MR	80MS	40S	40S	20MS	80S	20MR
333	NE 71233	05MS	20MR	90MS	65S	65S	05MR	80S	20MS
334	NE 71235	000	10MR	70MS	40S	65S	20MR	60S	---
335	NE 71236	20MS	10MR	70MS	65S	65S	10MR	60S	10MR
336	NE 71237	0TMR	20MS	60MS	40S	40S	65MS	---	30MS
337	NE 71244	40S	10MS	70M	65S	65S	65MS	20S	40S
338	NE 71245	000	20MR	99VS	65S	99S	65MS	10S	20MR
339	NE 71247	000	20MR	60M	65S	40S	70MS	05S	20MS
340	PS-CK	40S	60MS	99VS	99S	65S	70MS	40S	80S
341	NE 71248	000	000	10MR	65S	40MR	20MR	30S	20R
342	NE 71249	10S	20MR	30M	65S	65MR	65R	60S	10R
343	NE 71357	000	20MR	50M	40M, 99S	65S	85S	60S	20R
344	NE 71345	000	20MS	60M	10MR, 99S	40MR	70R	80S	10MS
345	NE 71376	000	30MS	70M	05R-65S	10R	50R	80S	---
346	NE 71281	000	20MS	99VS	40S-99S	25MR	40R	80S	40S
347	NE 71353	000	10MS	20M	10MR-65MS	25MR	40MR	80S	---
348	NE 71362	000	40MS	70MS	40MS-99S	40MR	10MR	40S	---
349	NE 71363	0TR	30MR	80MS	65M	65S	10MR	60S	---
350	NE 71364	000	10MR	50MR	65M	40MR	10R	80S	---
351	NE 71366	---	20MS	99VS	65S	40S	10MS	80S	20MS
352	NE 71370	---	10MR	40M	40MS	10R	0TMR	20S	10R
353	NE 71275	---	30MS	50MS	40MS	25MR	20MS	20S	---
354	NE 71253	---	10MS	30R	0TR	65S	50MS	50S	---
355	NE 71256	---	10MR	40M	0TR-25MS	10R	20MR	10MS	---
356	NE 71259	---	30MR	80MS	45M	25R	05MR	50MS	---
357	NE 71261	---	30MR	80S	45MS	10R	30MS	20S	---
358	NE 71266	---	30MR	20M	0TR-05MS	25S	65MS	000-10S	---
359	NE 71267	---	20MS	90S	0TR-25MS	40MR	40S	---	10MR
360	PS-CK	---	40MS	99VS	65S-99S	65S	50S	40S	80S

-116-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
321	NE 71209	50S	15MS	70S	000	60S	60S	25.2	70S
322	NE 71371	40S	15MR	40MS	40MR	20MS	20MS	14.6	40S
323	NE 71212	50S	10S	60S	40MS	10S	80S	43.4	99S
324	NE 71214	50S	15S	60S	30R	40S	90S	35.2	90S
325	NE 71327	10S	15S	40MS	30R	10S	90S	26.6	90S
326	NE 71326	70S	10MS	60S	20S	50S	60S	39.0	99S
327	NE 71215	20S	05MR	60S	20S	10S	20MS	21.0	65S
328	NE 71216	15S	05MR	60S	000	20S	40S	25.3	65S
329	NE 71332	0TR	10MR	40MS	000	0TM	40S	16.3	60S
330	NE 71226	40S	10M	60S	0TR	40S	40S	30.7	65S
331	NE 71228	40S	10S	60S	0TR	80S	60S	39.2	80S
332	NE 71232	30S	10MS	70S	10S	50S	50S	33.5	80S
333	NE 71233	40S	15MR	70S	000	50S	60S	38.4	80S
334	NE 71235	50S	10MR	70S	000	70S	60S	37.4	70S
335	NE 71236	50S	10MR	70S	000	30S	50S	34.1	70S
336	NE 71237	50S	10MS	70S	000	40S	50S	33.7	70S
337	NE 71244	50S	15S	70S	20VS	60S	40S	41.9	70S
338	NE 71245	50S	10S	70S	10S	20MS	60S	39.7	99S
339	NE 71247	50S	10M	70S	10S	70S	60S	35.1	70S
340	PS-CK	60S	10S	80S	30VS	80S	60S	60.5	99S
341	NE 71248	30S	10S	70S	20R	40MS	60S	23.7	70S
342	NE 71249	40S	10M	60S	000	80S	40S	30.5	80S
343	NE 71357	40S	10MS	70S	000	40MS	60S	34.7	85S
344	NE 71345	10MS	10S	70S	000	60S	10MR	23.2	80S
345	NE 71376	30MS	10S	70S	000	80S	20S	27.9	80S
346	NE 71281	20MS	15S	60MS	000	70S	20MS	32.7	99VS
347	NE 71353	20S	10S	60MS	10MR	80S	20MS	23.6	80S
348	NE 71362	20S	05MR	40MS	20R	80S	50S	28.3	80S
349	NE 71363	20S	05R+10S	40MS	30R	40S	50S	30.2	65S
350	NE 71364	15S	10MS	40MS	30R	60S	50S	25.5	80S
351	NE 71366	40S	20S	40MS	30MS	40S	70S	42.3	99VS
352	NE 71370	0TR	05MR	40MS	20S	20MS	40S	14.9	40S
353	NE 71275	20S	10S	60S	10S	10MS	60S	25.2	60S
354	NE 71253	20MS	15S	40MS	000	---	90S	29.2	90S
355	NE 71256	30S	15MS	40MS	000	20MS	40MS	14.0	40MS
356	NE 71259	30S	10S	60S	000	60S	60S	30.8	80MS
357	NE 71261	40S	10S	60S	000	50S	60S	32.8	80S
358	NE 71266	05S	10MR	0TR	0TR	0TVR	40S	12.5	65MS
359	NE 71267	40S	15S	70S	10MS	50S	60S	34.1	90S
360	PS-CK	60S	20S	70S	30VS	70S	---	56.7	99VS

-117-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
321	NE 71209	20S	40MS	70MS	10MR	10R	80S	30VS	10MR-10MS	10S	26.4	80S
322	NE 71371	80S	80MS	90S	40S	10MS	80S	20MS	60S-70S	0TR	48.6	90S
323	NE 71212	70S	99S	90S	05MS,80S	40MS-40S	80S	05MR,20VS	20S-30S	10S	45.2	99S
324	NE 71214	30S	30MS	0TR	70S	10MR	80S	05MR	20S-30S	05MR	25.8	80S
325	NE 71327	40S	60MS	50MS	30MS	0TR	70S	02R,02MS	10MR-10MS	10S	26.2	70S
326	NE 71326	80S	99S	99S	80S	20MS	70S	60VS	30S-40S	05S	59.8	99S
327	NE 71215	05R	0TMR	10MR	40MS-40S	0TR	70S	10MS	05S-70S	0TR	13.4	70S
328	NE 71216	0TMR	10R	0TR	20MS	0TR	70S	05MR	0TR	0TR	10.1	70S
329	NE 71332	20S	60MS	10MR	90S	05R	70S	10S	10S-20S	05S	28.6	90S
330	NE 71226	10S	40MS	20MR	50S	20MS	70S	05R,02MS	05S-10S	0TS	21.4	70S
331	NE 71228	05MS	20MR	10MR	70S	---	70S	60VS	0TR	0TR	27.0	70S
332	NE 71232	05MS	10MR	10MS	20MS	0TR	70S	20MS	05S-10S	0TR	13.7	70S
333	NE 71233	0TR	05MR	10R	30MS	0TR	70S	10MS	0TR	05R	11.9	70S
334	NE 71235	05R	0TMR	10R	30MR-30MS	0TR	70S	10MR	0TR	0TR	10.0	70S
335	NE 71236	0TMR	10MR	05R	15MS	000	70S	10MS	0TR	0TMR	10.6	70S
336	NE 71237	50S	40MS	80S	30MS-30S	0TR	70S	70VS	0TR	05MS	36.7	80S
337	NE 71244	0TMS	05MR	30M	40MS-40S	000	70S	60VS	0TR	0TMR	20.3	70S
338	NE 71245	05MS	0TR	10MR	0TR	000	70S	20MS	0TR	05MS	10.9	70S
339	NE 71247	05MS	05R	20MS	0TR	000	70S	30VS	0TR	0TS	13.6	70S
340	PS-CK	90S	99S	90S	80S	80S	70S	25VS	60S-70S	30S	69.3	99S
341	NE 71248	05MR	0TR	20MS	0TR	000	70S	30MR	0TR	0TMR	11.2	70S
342	NE 71249	05R	05MR	30M	05MS	000	70S	30M	0TR	0TMR	12.6	70S
343	NE 71357	05MS	0TR	10R	30MS	000	70S	20MS	05MR	0TMR	13.1	70S
344	NE 71345	05MS	10R	10R	20S	000	80S	05MR	0TR	0TMS	12.3	80S
345	NE 71376	10MS	20MR	30MS	50S	0TR	80S	05M	0TR	0TMR	19.3	80S
346	NE 71281	05MS	05MR	20MS	30MS-30S	05MS	60S	20VS	05MS-05S	0TMS	14.9	60S
347	NE 71353	000	0TR	0TR	0TR	05R	80S	02R	0TR	0TS	9.2	80S
348	NE 71362	05S	30MS	10M	000	000	50S	20MS	05MR-05MS	0TR	11.4	50S
349	NE 71363	0TMR	0TR	0TR	000	000	80S	02R	0TR	0TR	9.0	80S
350	NE 71364	0TMR	0TR	05MR	0TR	20MR-20MS	40MS	02MR	0TR	0TMS	4.9	40MS
351	NE 71366	30S	10MR	10MR	80S	05R	60S	40VS	05S-10S	05S	25.4	80S
352	NE 71370	000	0TR	05R	20MR	10MS	80S	25VS	0TR	05MR	13.8	80S
353	NE 71275	20S	40MS	90S	70S	20MS	80S	50VS	05S-10S	05S	40.8	90S
354	NE 71253	80S	99S	99S	80S	05R	80S	80VS	05S-10S	05MS	58.6	99S
355	NE 71256	10S	05R	05R	70S	000	80S	02M	0TR	0TMS	18.2	80S
356	NE 71259	000	0TR	0TR	05R	000	80S	05R	0TR	0TMR	9.2	80S
357	NE 71261	20S	40MS	10MR	10MS	---	80S	05S	0TR	0TMS	18.7	80S
358	NE 71266	50S	60MS	40MS	80S	40S	80S	15S	05MS-05S	0TS	38.8	80S
359	NE 71267	60S	80S	99S	80S	90S	80S	70VS	10S-20S	05S	63.7	99S
360	PS-CK	90S	90S	99S	90S	60S	80S	50VS	40S-50S	20S	68.7	99S

321-360 E

-118-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
321	NE 71209	60	50	40	50	40	48.0	60	1
322	NF 71371	50	50	60	65	40	53.0	65	1
323	NE 71212	60	60	60	90	40	62.0	90	-
324	NE 71214	60	60	60	85	40	61.0	85	2
325	NE 71327	50	40	40	70	10	42.0	70	1
326	NE 71326	50	40	40	60	40	46.0	60	-
327	NE 71215	40	05	30	0T	20	19.2	40	2
328	NE 71216	40	10	30	0T	05	17.2	40	1
329	NE 71332	60	60	50	60	0T	46.2	60	2
330	NE 71226	40	10	30	0T	0T	16.4	40	1
331	NE 71228	60	20	50	40	0T	34.2	60	-
332	NE 71232	50	25	50	50	20	39.0	50	1
333	NE 71233	50	20	70	60	10	42.0	70	2
334	NE 71235	50	20	50	40	10	34.0	50	1
335	NE 71236	40	10	30	20	10	22.0	40	2
336	NE 71237	50	25	40	20	0T	27.2	50	1
337	NE 71244	50	10	30	65	0T	31.2	65	1
338	NE 71245	50	10	40	75	0T	35.2	75	2
339	NE 71247	40	05	30	20	0T	19.2	40	-
340	PS-CK	40	20	50	40	0T	30.2	50	2
341	NE 71248	40	10	40	10	0T	20.2	40	2
342	NE 71249	40	10	03	35	10	19.6	40	2
343	NE 71357	40	10	30	40	10	26.0	40	1
344	NE 71345	50	05	20	60	0T	27.2	60	2
345	NE 71376	60	60	40	65	0T	45.2	65	1
346	NE 71281	60	60	30	70	0T	44.2	70	2
347	NE 71353	50	70	20	80	20	48.0	80	2
348	NE 71362	10	05	00	05	0T	4.2	10	3
349	NE 71363	05	05	00	0T	00	2.2	05	2
350	NE 71364	10	01	00	0T	00	2.4	10	1
351	NE 71366	50	60	00	80	10	40.0	80	1
352	NE 71370	50	40	00	60	10	32.0	60	2
353	NE 71275	50	70	20	70	10	44.0	70	2
354	NE 71253	50	20	30	60	10	34.0	60	3
355	NE 71256	30	20	00	0T	0T	10.4	30	2
356	NE 71259	20	05	40	15	0T	16.2	40	1
357	NE 71261	40	15	00	20	0T	15.2	40	2
358	NE 71266	50	20	40	60	10	36.0	60	3
359	NE 71267	70	30	60	80	40	56.0	80	2
360	PS-CK	40	25	50	30	0T	29.2	50	1

-61-

321-360 F

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
321	NE 71209	2	5	3.5	5
322	NE 71371	2	6	4.0	6
323	NE 71212	-	-	0.0	0
324	NE 71214	1	3	2.0	3
325	NE 71327	2	2	2.0	2
326	NE 71326	-	-	0.0	0
327	NE 71215	-	3	3.0	3
328	NE 71216	-	2	2.0	2
329	NE 71332	-	3	3.0	3
330	NE 71226	-	3	3.0	3
331	NE 71228	2	2	2.0	2
332	NE 71232	-	2	2.0	2
333	NE 71233	2	2	2.0	2
334	NE 71235	2	2	2.0	2
335	NE 71236	-	3	3.0	3
336	NE 71237	2	-	2.0	2
337	NE 71244	2	-	2.0	2
338	NE 71245	1	2	1.5	2
339	NE 71247	1	-	1.0	1
340	PS-CK	-	-	0.0	0
341	NE 71248	2	2	2.0	2
342	NE 71249	-	2	2.0	2
343	NE 71357	2	2	2.0	2
344	NE 71345	-	2	2.0	2
345	NE 71376	1	1	1.0	1
346	NE 71281	2	1	1.5	2
347	NE 71353	2	2	2.0	2
348	NE 71362	3	2	2.5	3
349	NE 71363	2	2	2.0	2
350	NE 71364	2	2	2.0	2
351	NE 71366	1	2	1.5	2
352	NE 71370	2	2	2.0	2
353	NE 71275	1	3	2.0	3
354	NE 71253	2	-	2.0	2
355	NE 71256	-	2	2.0	2
356	NE 71259	1	5	3.0	5
357	NE 71261	2	2	2.0	2
358	NE 71266	2	2	2.0	2
359	NE 71267	2	-	2.0	2
360	PS-CK	2	-	2.0	2

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PROBSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
321	NE 71209	7	0	3.5	7
322	NE 71371	5	0	2.5	5
323	NE 71212	5	0	2.5	5
324	NE 71214	7	0	3.5	7
325	NE 71327	5	0	2.5	5
326	NE 71326	5	0	2.5	5
327	NE 71215	5	0	2.5	5
328	NE 71216	3	0	1.5	3
329	NE 71332	5	0	2.5	5
330	NE 71226	7	0	3.5	7
331	NE 71228	7	0	3.5	7
332	NE 71232	7	0	3.5	7
333	NE 71233	5	2	3.5	5
334	NE 71235	5	0	2.5	5
335	NE 71236	5	0	2.5	5
336	NE 71237	7	0	3.5	7
337	NE 71244	5	0	2.5	5
338	NE 71245	5	0	2.5	5
339	NE 71247	5	1	3.0	5
340	PS-CK	7	0	3.5	7
341	NE 71248	5	0	2.5	5
342	NE 71249	7	2	4.5	7
343	NE 71357	7	2	4.5	7
344	NE 71345	3	0	1.5	3
345	NE 71376	7	3	5.0	7
346	NE 71281	7	0	3.5	7
347	ME 71353	7	4	5.5	7
348	NE 71362	3	2	2.5	3
349	NE 71363	3	0	1.5	3
350	NE 71364	3	0	1.5	3
351	NE 71366	5	0	2.5	5
352	NE 71370	3	0	1.5	3
353	NE 71275	5	0	2.5	5
354	NE 71253	7	0	3.5	7
355	NE 71256	5	3	4.0	5
356	NE 71259	7	4	5.5	7
357	NE 71261	5	0	2.5	5
358	NE 71266	7	0	3.5	7
359	NE 71267	7	0	3.5	7
360	PS-CK	5	0	2.5	5

-121-

321-360 H

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
361	PS-CK	03R	90S	20S	30MS	60MS	0TR	---	0TR
362	NE 71285	20MS	99S	000	30MS	60MS	0TVR	---	0TR
363	NE 71287	000	99S	000	30MR	30MS	0TVR	05R	0TR
364	NE 71288	000	99S	000	20MR	10MS	0TVR	---	0TR
365	NE 71289	000	10S	000	20MR	000	0TVR	---	0TR
366	NE 71291	0TR	40S	000	30MR	40MS	0TR	---	10S-20S
367	NE 71292	000	50S	000	20MR	10MS	0TVR	10R	0TR
368	NE 71391	000	50S	000	60S	10MS	0TVR	---	20S-30S
369	NE 71293	000	60S	000	80S	000	0TVR	05R	0TR
370	NE 71294	0TR	40S	000	10MR	000	0TR	10S	0TR
371	ME 71295	03R	60S	000	50MR	20MS	0TR-05MR	05R	05S-10S
372	NE 71393	000	99S	000	10MR	35MS	0TVR	25S	0TR
373	NE 71394	03R	60S	000	0TR	30MS	0TVR	05R	0TR
374	NE 71396	000	50S	000	20MR	10MS	0TR	---	0TR
375	NE 71403	0TR	70S	000	20MR	10MS	0TR-25MS	---	30S-40S
376	NE 71410	0TR	05S	000	20MR	10MS	0TR	---	50S-60S
377	NE 71303	15MR	05S	000	20MR	30MS	0TR	---	50S-60S
378	NE 71408	40S	99S	000	20MR	70MS	0TR	---	05S-10S
379	NE 71409	40S	99S	000	10MR	60MS	25MS	---	10S-20S
380	PS-CK	60S	90S	60S	80S	80MS	0TR,99S	65S	60S-70S
381	NE 71301	40S	90S	---	50MS	40MS	25S	---	40S-50S
382	NE 71412	000	10S	000	80MS	000-70MS	0TR	05R	10MS-10S
383	NE 71416	20MS	99S	000	80MS	30MS	0TR	---	0TR,05S
384	NE 61687	05R	70S	000	20MR	40MS	0TVR	---	0TR
385	DAKOLD	40S	0TS	---	20S	30MS	0TR,10MS	25MR	60S-70S
386	WARAN 2	60S	99S	000	80S	90MS	10MS-99S	99S	0TR
387	PRESKA	10MR	10S	05S	20MR	70MS	0TVR	10R	60S-70S
388	PRESKA	000	20S	000	60S	30MS	0TVR	---	0TR
389	OK 66C111	0TR	05S	000	60S	30MS	0TVR	---	0TR
390	OK 65R576	30S	99S	000	80S	95MS	25S	25S	30S-40S
391	13583	40S	50S	000	50S	80MS	000	40S	10S-20S
392	13227	40S	99S	000	50MS	90MS	0TR	40S	10S-20S
393	OK 64R564	20MS	99S	000	80VS	80MS	0TR	25S	60S-70S
394	OK 61R853	20MS	05S	000	50MS	90MS	0TVR	25S	0TR
395	OK 58R780	000	50S	000	20MR	30MS	0TVR	---	30S-40S
396	OK 60R792	0TR	20S	000	50S	70MS	0TR	25S	20S-30S
397	OK 65R573	10MR	20S	000	80VS	70MS	0TR-25M	25S	10S-20S
398	OK 68R715	15MS	20S	000	80VS	---	0TR-25M	10MR	30S-40S
399	REDCOAT	0TR	99S	000	10MR	30MS	0TR	---	0TR
400	PS-CK	40S	90S	80S	80S	80MS	0TR,65S	65S	40S-50S

-122-

361-400 A

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP.	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES	PUERTO RICO	PUERTO RICO	SUMMARY	
		S. AFRICA							AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		BFTHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	MAYAGUEZ	LAJAS		
361	PS-CK	50S	40S	---	90VS	60S	70S	80S	44.0	90VS
362	NE 71285	50MR,50S	60S	0TS	50S	40S	50S	05R	29.2	99S
363	NE 71287	65S	60S	---	30S	40S	60S	10R-10S	28.1	99S
364	NE 71288	40S	60S	0TS	40S	40S	50S	05MR	24.8	99S
365	NE 71289	05R	10MR	---	30MS	0TR	20S	05S	5.5	30MS
366	NE 71291	05S	20MR	---	80MS	05S	40R	0TR	14.2	80MS
367	NE 71292	05S	20MS	0TS	30S	10S	---	10MS	9.8	50S
368	NE 71391	05S	20MS	02S	30S	05MS-05S	40MS	05R	16.3	60S
369	NE 71293	000	40S	0TS	30MS	0TR,0TS	30S	05R-05S	15.8	80S
370	NE 71294	0TS	20S	---	30MS	0TR	---	0TS	7.7	40S
371	ME 71295	0TMR	40S	0TS	60S	05MS-05S	---	0TR	14.8	60S
372	NE 71393	000	40S	0TS	15MS	0TMS-0TS	20MS	20S	16.4	99S
373	NE 71394	05S	80S	05S	40S	20S	30S	10S	18.4	80S
374	NE 71396	40S	40S	---	60VS	20S	50S	20MR	21.8	60VS
375	NE 71403	0TS	60S	---	50VS	0TR,0TS	10MS	0TR	18.1	70S
376	NE 71410	05S,85R	80S	---	90VS	05MS-05S	30MR	0TMR	20.2	90VS
377	NE 71303	10S,60MR	60S	---	99VS	10S	30MR	05R	21.9	99VS
378	NE 71408	50S	80S	10S	99VS	10S	20S	0TR-05S	34.1	99VS
379	NE 71409	99S	60S	05S	99VS	10S	0TR	10MR	35.5	99VS
380	PS-CK	99S	99S	60S	99VS	40S	90S	50S	67.7	99VS
381	NE 71301	40S,65MR	99S	0TS	90VS	10S	---	0TR	42.2	99S
382	NE 71412	10S,85MR	20MS	---	60MR	0TR	000	0TR	9.5	80MS
383	NE 71416	85S	80S	---	80MS	20S	30S	70S	42.4	99S
384	NE 61687	75S	40S	---	20MS	0TR	20S	10MR	20.5	75S
385	DAKOLD	05R,40S	---	20S	90MR	000,0TS	---	0TMR	17.7	60S
386	WABAN 2	05S	80S	60S	99VS	40S	40S	20S	50.8	99VS
387	PRESKA	65S	0TR	05S	80MS	05MS-05S	000	05R	18.9	65S
388	PRESKA	10R	05R	---	99MS	05MS	05R,20R	30R	15.2	99MS
389	OK 66C111	10R	0TR	---	99MS	05MR	40MR	10R	14.6	99MS
390	OK 65R576	10MS	60S	40S	99VS	40S	40S	05R	43.5	99VS
391	13583	05S	40S	80S	99VS	40S	---	0TR	37.0	99VS
392	13227	50S	80S	40S	60VS	40S	30S	20S	41.4	99S
393	OK 64R564	05S	60S	60S	---	20S	10MR	20MR	35.8	99S
394	OK 61R853	0TR	20MS	0TS	99MS	05MS-05S	---	40S	21.3	99MS
395	OK 58R780	05R	20MR	02S	10MS	0TR	05S	0TR	9.7	50S
396	OK 60R792	15S,20MR	60S	02S	99MS	10S	30S	20MR	25.0	99MS
397	OK 65R573	05S	40S	05S	90VS	20S	---	0TR	25.3	90VS
398	OK 68R715	45S	40S	0TS	90VS	10S	10S	10MR	24.7	90VS
399	REDCOAT	85S	20S	---	70VS	20S	---	---	29.3	99S
400	PS-CK	85S	80S	---	99VS	40S	80S	80S	65.9	99VS

361-400 B

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIRAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
361	PS-CK	000	40MS	90VS	65S	40S	65S	80S	20MR
362	NE 71285	70S	40MS	90S	0TR,65S	40S	50S	40S	05R
363	NE 71287	000	10MS	90S	40MS	10R	65MS	60S	---
364	NE 71288	000	20MS	90S	0TVR	40MR	60MS	0TMR	---
365	NE 71289	000	05MR	20R	0TVR	10R	30R	20S	05R
366	NE 71291	000	10MS	20MR	0TVR	25MR	40MR	40S	05R
367	NE 71292	000	20MR	10R	0TVR	05R	05MS	02S	05R
368	NE 71391	000	10MR	10R	0TVR	10R	30MS	20S	05R
369	NE 71293	---	20MS	10R	0TVR	05R	10R	40S	10MR
370	NE 71294	---	10MS	40MR	0TR,65MS	25S	0TR	10S	05R
371	ME 71295	000	20MS	10R	0TR	10R	05S,05R	05MS	10R
372	NE 71393	000	40MS	10R	0TVR	25S	10MR	0TMS	05R
373	NE 71394	30S	10MS	10R	25M	10R	30MS	02MS	05R
374	NE 71396	000	10MS	0TR	0TR	10R	50MS	20S	10R
375	NE 71403	30S	10MS	10R	40MS	05R	05MR	20MS	05R
376	NE 71410	000	20MR	40M	40MS	---	10R	40MS	05R
377	NE 71303	000	10MR	30M	40MS	25MR	50MR	40S	10R
378	NE 71408	000	20MS	10R	25M	40MR	60MS	99S	---
379	NE 71409	40S	05MR	40M	25MS	10R	65MS	80S	10R
380	PS-CK	20S	50MS	99VS	0TR,99S	65S	85MS	99S	80S
381	NE 71301	000	10MR	10MR	25MS	25MR	50MS	60S	10R
382	NE 71412	000	40MS	10R	0TR-10MS	40MR	75MS	10MS	---
383	NE 71416	000	60MS	99S	45S-99S	65S	65MS	99S	---
384	NE 61687	000	60MS	30M	40S	10R	50S	80S	---
385	NAKOLD	000	80MS	20VS	0TR,10S	65S	05R	40S	60S
386	WABAN 2	000	40MS	99VS,10MS	0TR,10M	65S	05R	10S	10R
387	PRESKA	000	60MS	0TR	0TVR	---	65MS	---	05R
388	PRESKA	000	40MS	10R	0TVR	05R	10R	0TMR	05R
389	OK 66C111	000	40MS	99VS,05VR	0TVR	65S	05MR	10S	000
390	OK 65R576	000	50MS	70MS	10MS	40S	10MR	---	---
391	13583	000	60MS	0TR	10MS	40S	05MR	000	---
392	13227	000	30MS	0TR	0TR-10M	65S	45MS	80S	---
393	OK 64R564	000	60MS	20MR	0TR-10M	25MR	10MS	80S	05MS
394	OK 61R853	000	60MR	0TR	05MS	10MR	65S	000,60S	05R
395	OK 58R780	000	20MR	05R	0TVR	---	15MS	20S	05R
396	OK 60R792	000	10MR	10R	0TVR	25S	65R	10S	05R
397	OK 65R573	000	30MS	20R	05MR	10S	0TMR	000	---
398	OK 68R715	000	20MS	20MR	0TR	10R	10R	000	---
399	REDCOAT	000	60MR	20MR	0TR	10R	65MS	000	80S
400	PS-CK	10S	60MS	99VS	0TR,99S	65S	65S	10S	---

361-400 C

-124-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
361	PS-CK	40S	15S	70S	20VS	80S	80S	48.9	90VS
362	NE 71285	40S	20S	70S	10S	80S	60S	43.0	90S
363	NE 71287	20S	05MR	70S	10S	20MS	40S	30.9	90S
364	NE 71288	20S	10S	70S	0TR	30MS	30S	24.9	90S
365	NE 71289	15S	05MR	30MR	000	05MR	05MS	5.0	20S
366	NE 71291	50S	05MR	30MR	10VR	30S	50S	16.3	50S
367	NE 71292	0TR	05R	30MR	0TR	10M	20MR	3.2	30MR
368	NE 71391	15S	05M	30MR	0TR	0TS	05R	6.1	30MS
369	NE 71293	50S	05M	30MR	10VR	30S	60S	17.0	60S
370	NE 71294	60S	10MS	40MS	30VR	20S	40S	17.4	60S
371	ME 71295	10MS	10M	30MR	20VR	000	000	4.3	20MS
372	NE 71393	10MS	10MR	30MR	10VR	30S	10R	8.7	40MS
373	NE 71394	0TR	05MR	40MR	80VR	05R, 05MR	0TS	8.5	30S
374	NE 71396	15S	10MS	40MR	40VR	05MR	05MR	8.8	50MS
375	NE 71403	000	10MR	40MR	60VR	0TS	05R	9.0	40MS
376	NE 71410	0TR	05MR	50MS	80VR	0TR	20MS	13.3	50MS
377	NE 71303	10S	10S	50S	80VR	0TS	20S	16.6	50S
378	NE 71408	10S	01R	60S	50VR	40S	60S	28.9	99S
379	NE 71409	0TR	10MS	60S	50VR	60S	50S	29.3	80S
380	PS-CK	60S	25S	80S	40VS	70S	70S	58.3	99S
381	NE 71301	0TR	05MS	40MS	60VR	60S	30MS	19.4	60S
382	NE 71412	000	05MR	30MR	10VR	05S	40MS	13.1	75MS
383	NE 71416	30MS	20S	60S	30S	20S	60S	47.8	99S
384	NE 61687	05MS	10MS	40MS	30VR	05S	05S	22.9	80S
385	DAKOLD	90S	01S	60S	000	80S	60S	38.6	90S
386	WABAN 2	20S	02R	0TR	000	20S	30MS	19.5	99VS, 10M
387	PRESKA	000	000	0TR	60VR	05S	40S	13.2	65MS
388	PRESKA	000	000	60S	30VR	80S	80S	18.9	80S
389	OK 66C111	0TR	000, 10S	40S	000	80S	80S	29.1	99VS, 05V
390	OK 65R576	000	01R	0TR	000	30S	10MR	15.2	70MS
391	13583	000	05MR	0TR	000	0TR	0TR	7.7	60MS
392	13227	0TR	05MR	0TR	000	0TR	40S	19.0	80S
393	OK 64R564	20S	10MS	30MR	000	40S	70S	22.0	80S
394	OK 61R853	000	000	30MR	000	80S	90S	20.0	90S
395	OK 58R780	0TR	05MR	30MR	000	0TS	10S	5.1	20S
396	OK 60R792	000	000, 05S	30MR	40VR	000	30S	7.5	30S
397	OK 65R573	0TR	000	20MR	80VR	0TR	0TR	5.0	30MS
398	OK 68R715	05S	000	20MR	80VR	0TR	0TR	4.4	80VR
399	REDCOAT	000	02MR	10R	20VR	000	10MR	12.6	80S
400	PS-CK	60S	10S	60S	30VS	70S	70S	45.9	99VS

-125-

361-400 D

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKAPA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
361	PS-CK	60S	99S	99S	80S	70S	80S	50VS	10S-20S	0TS	61.0	99S
362	NE 71285	05MR	05R	10MR	000	---	60S	05MR	0TR	0TR	8.6	60S
363	NE 71287	20S	40MS	30MS	50S	000	30S	02MR	0TR	0TR	17.4	50S
364	NE 71288	50S	30MS	30M	40MS	05R	50S	02R	0TR	0TMR	19.5	50S
365	NE 71289	80S	80MS	99S	70S	30MS	80S	25VS	0TR	0TR	49.1	99S
366	NE 71291	60S	60MS	90S	80S	30MS	80S	20VS	10S	0TR	45.8	90S
367	NE 71292	05S	20MR	70S	05MR-05MS	10R	80S	05MR	0TR	0TMR	18.8	80S
368	NE 71391	60S	50MS	80S	20MS	70S	80S	15MS	05S-10S	0TR	40.3	80S
369	NE 71293	50S	40MS	90S	60S	20MS-20S	80S	05S	10S-20S	0TS	38.2	90S
370	NE 71294	30S	20MR	80S	90S	40S	80S	02M	05S-10S	0TR	37.1	90S
371	NE 71295	70S	70MS	90S	90S	20MR-20MS	80S	10S	0TR	0TS	45.0	90S
372	NE 71393	60S	30MS	70S	30MS-90S	30MS-30S	80S	01R	0TR	05S	31.9	80S
373	NE 71394	0TMR	0TR	10R	0TR	05R	40S	02R	0TR	000	4.9	40S
374	NE 71396	05MS	10MR	05R	30MS	000	30S	02MR	0TR	000	7.1	30S
375	NE 71403	05MR	10R	40MR	60S	0TR	80S	02R	10S-20S	05MS	19.4	80S
376	NE 71410	000	20MS	0TR	0TR	0TR	80S	05R	30S	0TMR	14.2	80S
377	NE 71303	000	05R	0TR	10R	000	80S	30MR	30S	0TR	13.9	80S
378	NE 71408	05MS	20MR	05R	05MS	10MS	99S	10S	0TR	0TMR	14.9	99S
379	NE 71409	05MR	10MR	05MR	05S	05R	99S	02M	10S-20S	000	13.8	99S
380	PS-CK	90S	99S	90S	80S	30S	99S	30VS	30S-40S	10S	62.0	99S
381	NE 71301	70S	40MS	10MR	0TR	---	99S	10S	0TR	0TR	26.9	99S
382	NE 71412	40S	80MS	70MS	05R	05R	99S	30VS	0TR	05MS	32.8	99S
383	NE 71416	30S	40M	10R	50MS-50S	20MS-20S	99S	15VS	05S-10S	05S	26.2	99S
384	NE 61687	0TR	05R	0TR	30MS	000	50S	0TR	0TR	0TMS	8.5	50S
385	DAKOLD	05MR	000	000	000	---	20MR	000	20S-30S	---	4.2	20S
386	WABAN 2	05S	50MS	30MS	15MS-15MR	30MS	99S	20VS	0TR	10S	26.0	99S
387	PRESKA	50S	30MS	20MS	80S	50S	60S	20MS	---	05S	37.6	80S
388	PRESKA	05MR	40MR	30MS	20MR	000	99S	10MR	0TR	000	17.0	99S
389	OK 66C111	60S	80MS	70MS	90S	90S	99S	25VS, 05R	0TR	000	53.8	99S
390	OK 65R576	05S	20MR	10R	15MS	000	99S	02M	0TR	0TMS	14.2	99S
391	13583	90S	99S	99S	70S	90S	99S	60VS	05S-10S	05S	68.5	99S
392	13227	90S	80MS	20MR	80S	40S	80S	40VS	0TR	0TMS	44.7	90S
393	OK 64R564	05MS	05R	05R	40MS	10MS	80S	02S	10S-20S	0TMS	15.4	80S
394	OK 61R853	99S	99S	99S	90S	90S	80S	70VS	50S-60S	30S	78.5	99S
395	OK 58R780	30S	20M	30MS	60S	0TR	80S	10S	0TR	000	24.0	80S
396	OK 60R792	000, 30S	0TR, 60MS	40MS	0TR	0TR	80S	01M	0TR	0TS	12.7	80S
397	OK 65R573	000	10MR	40MS	0TR	000	80S	0TR	0TR	0TR	12.9	80S
398	OK 68R715	000	0TR	30MS	05R	000	80S	0TR	0TR	0TR	11.7	80S
399	REDCOAT	000	20M	30MS	0TR	000	80S	10S	0TR	0TMR	14.0	80S
400	PS-CK	90S	90S	99S	80S	90S	80S	50VS	30S-40S	20S	69.8	99S

361-400 E

-184-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
361	PS-CK	70	60	70	70	20	58.0	70	1
362	NF 71285	70	50	60	80	20	56.0	80	2
363	NE 71287	60	25	00	70	20	35.0	70	1
364	NE 71288	60	25	40	70	20	43.0	70	1
365	NE 71289	50	10	00	05	0T	13.2	50	-
366	NE 71291	50	25	00	30	0T	21.2	50	2
367	NE 71292	50	40	40	10	0T	28.2	50	1
368	NE 71391	40	15	40	10	0T	21.2	40	2
369	NE 71293	40	20	00	05	0T	13.2	40	1
370	NE 71294	20	05	00	0T	0T	5.4	20	2
371	ME 71295	30	20	20	10	0T	16.2	30	1
372	NE 71393	40	25	30	50	0T	29.2	50	2
373	NE 71394	03	TR	30	0T	0T	7.2	30	1
374	NE 71396	40	30	00	15	10	19.0	40	2
375	NE 71403	20	05	00	0T	0T	5.4	20	3
376	NE 71410	20	25	00	0T	0T	9.4	25	3
377	NE 71303	40	15	00	0T	0T	11.4	40	4
378	NE 71408	40	40	30	40	10	32.0	40	1
379	NE 71409	40	50	00	40	0T	26.2	50	3
380	PS-CK	40	20	40	60	10	34.0	60	1
381	NE 71301	40	10	00	10	0T	12.2	40	1
382	NE 71412	40	15	30	0T	0T	17.4	40	2
383	NE 71416	50	25	30	80	0T	37.2	80	1
384	NE 61687	50	05	20	0T	0T	15.4	50	3
385	DAKOLD	60	15	40	00	00	23.0	60	2
386	WARAN 2	60	50	20	85	10	45.0	85	3
387	PRESKA	50	30	30	80	0T	38.2	80	2
388	PRESKA	60	40	40	75	60	55.0	75	3
389	OK 66C111	60	50	30	80	60	56.0	80	2
390	OK 65R576	50	30	30	80	10	40.0	80	2
391	13583	50	50	30	65	60	51.0	65	3
392	13227	60	50	50	75	40	55.0	75	2
393	OK 64R564	50	25	00	--	0T	19.0	50	2
394	OK 61R853	60	80	60	70	60	66.0	80	2
395	OK 58R780	20	05	00	10	0T	7.2	20	4
396	OK 60R792	40	30	00	40	0T	22.2	40	3
397	OK 65R573	03	TR	00	0T	00	1.0	03	4
398	OK 68R715	05	05	00	0T	00	2.2	05	4
399	REDCOAT	10	01	20	0T	10	8.4	20	3
400	PS-CK	40	25	00	60	10	27.0	60	1

361-400 F

-127-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
361	PS-CK	2	6	4.0	6
362	NE 71285	-	4	4.0	4
363	NE 71287	-	2	2.0	2
364	NE 71288	-	1	1.0	1
365	NE 71289	2	2	2.0	2
366	NE 71291	1	4	2.5	4
367	NE 71292	1	3	2.0	3
368	NE 71391	-	4	4.0	4
369	NE 71293	-	3	3.0	3
370	NE 71294	2	6	4.0	6
371	ME 71295	2	3	2.5	3
372	NE 71393	3	3	3.0	3
373	NE 71394	-	2	2.0	2
374	NE 71396	2	2	2.0	2
375	NE 71403	-	1	1.0	1
376	NE 71410	2	1	1.5	2
377	NE 71303	2	3	2.5	3
378	NE 71408	-	5	5.0	5
379	NE 71409	-	5	5.0	5
380	PS-CK	3	8	5.5	8
381	NE 71301	2	6	4.0	6
382	NE 71412	1	2	1.5	2
383	NE 71416	-	4	4.0	4
384	NE 61687	-	1	1.0	1
385	DAKOLD	3	1	2.0	3
386	WABAN 2	2	3	2.5	3
387	PRESKA	2	1	1.5	2
388	PRESKA	-	6	6.0	6
389	OK 66C111	-	6	6.0	6
390	OK 65R576	1	2	1.5	2
391	13583	-	3	3.0	3
392	13227	2	2	2.0	2
393	OK 64R564	-	1	1.0	1
394	OK 61R853	1	2	1.5	2
395	OK 58R780	-	2	2.0	2
396	OK 60R792	2	2	2.0	2
397	OK 65R573	1	4	2.5	4
398	OK 68R715	2	6	4.0	6
399	REDCOAT	2	2	2.0	2
400	PS-CK	2	-	2.0	2

-128-

361-400 G

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PRORSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
361	PS-CK	7	0	3.5	7
362	NE 71285	5	0	2.5	5
363	NE 71287	7	0	3.5	7
364	NE 71288	3	0	1.5	3
365	NE 71289	5	0	2.5	5
366	NE 71291	3	0	1.5	3
367	NE 71292	5	0	2.5	5
368	NE 71391	3	0	1.5	3
369	NE 71293	2	0	1.0	2
370	NE 71294	3	0	1.5	3
371	ME 71295	3	0	1.5	3
372	NE 71393	5	0	2.5	5
373	NE 71394	3	0	1.5	3
374	NE 71396	7	0	3.5	7
375	NE 71403	8	3	5.5	8
376	NE 71410	2	4	3.0	4
377	NE 71303	5	6	5.5	6
378	NE 71408	3	0	1.5	3
379	NE 71409	3	0	1.5	3
380	PS-CK	5	0	2.5	5
381	NE 71301	5	3	4.0	5
382	NE 71412	7	2	4.5	7
383	NE 71416	7	0	3.5	7
384	NE 61687	3	0	1.5	3
385	DAKOLD	0	2	1.0	2
386	WABAN 2	7	1	4.0	7
387	PRESKA	7	0	3.5	7
388	PRESKA	7	0	3.5	7
389	OK 66C111	7	2	4.5	7
390	OK 65R576	7	0	3.5	7
391	13583	7	0	3.5	7
392	13227	8	0	4.0	8
393	OK 64R564	7	0	3.5	7
394	OK 61R853	8	0	4.0	8
395	OK 58R780	3	5	4.0	5
396	OK 60R792	5	4	4.5	5
397	OK 65R573	7	5	6.0	7
398	OK 68R715	6	5	5.5	6
399	REDCOAT	5	0	2.5	5
400	PS-CK	7	0	3.5	7

-168-

361-400 H

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
401	OK 69R772	30S	90S	---	80S	70MS	000	25S	10S-20S
402	DUBRAVA	40S	80S	000	50MS	60MS	40S	---	10S-20S
403	OK 65R577	10MR	05S	000	20MR	60MS	0TVR	10R	05S-10S
404	OK 65R577	10MR	50S	10R	20MR	60MS	0TVR	40S	0TR
405	OK 70R743	0TR	50S	10R	80S	80MS	05R,10MS	40S	0TR
406	OK 70R721	20MS	90S	20S	80S	80MS	0TR	65S	40S-50S
407	OK 70R721	05R	70S	---	80S	80MS	10M	65S	10S-20S
408	OK70R7453	0TR	30S,000	000	80S	70MS	05MR	25MR	05S-10S
409	OK 70R746	20MS	50S	20MS,60S	80VS	80MS	05R-25M	40S	40S-50S
410	OK 70R746	0TR	50S	000	10MR	80MS	0TVR	25S	20S-30S
411	PIERRE	40S	05S	000	10MR	30MS	000	10R	60S-70S
412	TX 59D114	03R	99S	80S	60S	70MS	0TR,05MS	25S	0TR
413	WA 71 174	70S	99S	000	99S	80MS	05S-40S	25S	40S-50S
414	WA 711749	40S	99S	000	99S	80MS	05M	---	30S-40S
415	WA 711749	20S	99S	000	99S	80MS	05M	25S	30S-40S
416	WA 711749	40S	99S	000	99S	80MS	10MS	---	40S-50S
417	71 17505	50S	99S	000	99S	80MS	10MS-40S	40S	40S-50S
418	71 17509	50S	99S	000	99S	80MS	10MS-40S	25S	50S-60S
419	71 17509	70S	99S	000	99S	80MS	65S	40S	60S-70S
420	PS-CK	70S	90S	80S	99VS	80MS	0TR,65S	65S	50S-60S
421	BREVOR OM	60S	99S	000	99VS	70MS	40MS	25S	60S-70S
422	71 17516	60S	99S	000	99VS	90MS	40S	25S	60S-70S
423	71 17517	50S	99S	000	99VS	80MS	40S	---	60S-70S
424	71 17521	60S	99S	30S	99VS	90MS	65S	25S	60S-70S
425	71 17526	50S	99S	000	99VS	90MS	40S	---	60S-70S
426	71 17532	50S	99S	000	99VS	---	40S	40S	60S-70S
427	71 17533	60S	99S	000	99VS	90MS	65S	---	50S-60S
428	71 17543	60S	99S	000	99VS	90MS	40S	10MR	50S-60S
429	71 17545	60S	99S	000	99VS	90MS	65S	40S	60S-70S
430	71 17546	50S	99S	000	99VS	90MS	65S	10MR	60S-70S
431	71 17547	10MR	05S	000	80S	90MS	0TMR	---	20S-30S
432	71 17550	30S	10S	000	99VS	80MS	0TMR	---	10S-20S
433	71 17599	50S	99S	000	99VS	80MS	20S-99S	25S	50S-60S
434	71 17560	60S	99S	000	99VS	85MS	20S-99S	10S	60S-70S
435	71 17566	50S	99S	80S	99VS	85MS	45S	40S	60S-70S
436	71 17596	50S	99S	000	99VS	90MS	25S	25S	60S-70S
437	71 17597	40S	99S	000	99VS	90MS	25S	---	60S-70S
438	71 17602	50S	99S	000	99VS	70MS	65S	10R	60S-70S
439	71 17605	60S	99S	000	99VS	85MS	10S	---	70S-80S
440	PS-CK	50S	90S	80S	99VS	90MS	65S	65S	50S-60S

-130-

401-440 A

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP.	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES	PUERTO RICO	PUERTO RICO	SUMMARY	
		S. AFRICA							AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	MAYAGUEZ	LAJAS		
401	OK 69R772	45S-45MR	40S	10S	99VS	20S	---	05MR-05S	39.0	99VS
402	DURRAVA	45S-65MR	40S	10S	50VS	20S	90S	---	39.4	90S
403	OK 65R577	85R	10R	---	70MR	05MR	10R	20MR	9.3	60MS
404	OK 65R577	50R	20MS,10R	20S	---	20S	20R	---	17.1	50S
405	OK 70R743	50MR	20MR	40S	99MS	20MS	60MR	30MS	29.9	80S
406	OK 70R721	75S,85MR	20MS,0TR	50S	90MS	20S	50S	05MR	44.0	90S
407	OK 70R721	50S,50MS	40S,10R	20S	99VS	40S	40S	40S	44.6	99VS
408	OK 70R7453	25MR	05R	0TS	90MS	10MS,20S	20R	20S	19.9	80S
409	OK 70R746	65S	10S	05S	99VS	20S	20R	20S	35.3	99VS
410	OK 70R746	0TMS	20S	05S	60MS	40S	20MS	10R	19.6	80MS
411	PIERRE	000	---	20S	60MS	0TR	50S	000	18.0	60SS
412	TX 59D114	65S-25MS	60S	0TS	50S	40S	30S	05S	38.1	99S
413	WA 71 174	25S	80S	80S	99S	60S	40S	---	56.1	99S
414	WA 711749	20S	60S	20S	99VS	20S	10S	20S	41.7	99VS
415	WA 711749	55S	60S	10S	99VS	20S	50S	05MR	42.4	99VS
416	WA 711749	25S	60S	20S	99VS	20S	20S	20S	43.8	99VS
417	71 17505	55S	80S	80S	99VS	60S	30S	10S	54.2	99VS
418	71 17509	90S	60S	80S	99VS	60S	50S	50S	58.9	99VS
419	71 17509	99S	60S	60S	99VS	60S	---	60S	66.7	99VS
420	PS-CK	90S	80S	40S	99VS	60S	80S	50S	67.8	99VS
421	BREVOR OM	65S	80S	10S	99VS	60S	40S	40S	55.0	99VS
422	71 17516	65S	99S	05S	99VS	60S	30MS	50S	57.1	99VS
423	71 17517	65S	99S	20S	99VS	60S	30S	30S	58.2	99VS
424	71 17521	55S	99S	40S	99VS	60S	20MS	70S	63.2	99VS
425	71 17526	25S	60S	05S	99VS	60S	40S	50S	54.2	99VS
426	71 17532	20S	60S	10S	99VS	60S	30S	30S	49.7	99VS
427	71 17533	50S	60S	02S	99VS	60S	60S	80S	61.1	99VS
428	71 17543	25S	80S	05S	99VS	60S	30S	50S	51.5	99VS
429	71 17545	15MS	80S	05S	99VS	60S	30MS	80S	57.0	99VS
430	71 17546	10S	99S	10S	99VS	60S	20S	50S	53.1	99VS
431	71 17547	000	05MR	---	90MS	0TR	30S	05R	22.0	80S
432	71 17550	000	05R	---	90MS	0TR	000	0TR	22.0	99VS
433	71 17599	10S	80S	60S	99VS	60S	30S	---	53.2	99VS
434	71 17560	45S	99S	05S	99VS	60S	50S	60S	55.6	99VS
435	71 17566	05S	80S	02S	99VS	60S	60S	50S	59.8	99VS
436	71 17596	15S	80S	02S	99VS	60S	40S	50S	51.7	99VS
437	71 17597	40S	60S	03S	99VS	60S	40S	60S	54.0	99VS
438	71 17602	85S	60S	02S	99VS	60S	50S	---	56.2	99VS
439	71 17605	90S	60S	0TS	99VS	60S	60S	70S	60.4	99VS
440	PS-CK	90S	80S	60S	99VS	60S	80S	90S	75.3	99VS

401-440 B

151-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
401	OK 69R772	---	60MR	0TVR	40MS	10S	75MS	000	---
402	DUBRAVA	000	50MS	0TR	25MS-99S	40MR	10R	60S	05R
403	OK 65R577	000	30MR	0TVR	0TVR	10R	65R	000,50S	000
404	OK 65R577	000	40MR	0TR	0TVR	65S	65R	30S	05R
405	OK 70R743	000	60MS	40M	0TR	40S	75MR	000	000
406	OK 70R721	000	70MR	70MR	0TR	65S	90MS	000	05R
407	OK 70R721	000	70MS	90S,0TR	25MS	40S	75MS	000,40S	0TR-0TS
408	OK70R7453	000	60MR	0TR	05R	25MR	45MR	0TMS,40S	20MS
409	OK 70R746	000	80MR	99VS,0TR	25M	40S	65MS	05S	40S
410	OK 70R746	000	30MS	0TR	000	25S	45MS	05S	000
411	PIERRE	000	10MS	01S	0TR,05S	25MR	0TR	60S	50S
412	TX 59D114	05MS	10MR	0TR,99VS	0TR,10MR	25S	15MS	---	05R
413	WA 71 174	70S	10MS	90S	40MS-99S	40S	45MS	80S	---
414	WA 711749	60S	60MR	90S	40S-99S	65S	15MS	80S	---
415	WA 711749	80S	20MS	90S,50MS	40S-99VS	40S	65MS	80S	---
416	WA 711749	70S	70MR	40MS	40S	40MR	05MS	80S	---
417	71 17505	50S	60MS	99VS	40S	65S	65MS	99S	---
418	71 17509	50S	60MS	99VS	65S	65S	50S	80S	---
419	71 17509	90S	60MS	99VS	45S-99S	40S	85S	60S	---
420	PS-CK	40S	60MS	99VS	0TR,65S	40S	85S	60S	90S
421	BREVOR OM	80S	60MS	99VS	40S-99S	65S	50S	99S	---
422	71 17516	60S	40MS	99VS	40S-99S	40S	65S	99S	---
423	71 17517	90S	70MS	99VS	20S-99S	40S	50MS	99S	---
424	71 17521	80S	70MS	99VS	40S-99VS	40S	50S	80S	---
425	71 17526	80S	60MS	99VS	65S-99VS	40S	75S	40S	---
426	71 17532	60S	60MS	99VS	40S-99VS	40S	25MS	60S	---
427	71 17533	---	60MS	99VS	40S-99VS	40MR	25MS,25S	80S	---
428	71 17543	---	70MS	99VS	65S-99VS	40S	50MS	99S	---
429	71 17545	40S	40MS	99VS	40S-99VS	40S	15MS	80S	---
430	71 17546	50S	40MS	99VS	40S-99VS	40S	25S	60S	---
431	71 17547	80S	30MS	99VS	40S-99VS	40MR	0TR	10MS	---
432	71 17550	40S	30MS	99VS	40S-99VS	40MR	000	0TMR	---
433	71 17599	50S	60MS	99VS	65S-99VS	65S	65MS	80S	---
434	71 17560	70S	60MS	99VS	65S-99VS	40S	85S	80S	---
435	71 17566	---	60MS	99VS	65S-99VS	65S	05MS	60S	---
436	71 17596	70S	40MR	80MS	40S-99VS	65S	15S	40MS	---
437	71 17597	60S	30MR	99VS	40S-99VS	40MR	85S	40S	---
438	71 17602	30MS-30S	30MR	90MS	25S-99VS	40S	85S	40S	---
439	71 17605	---	20MS	99VS	25S-99VS	65S	75S	80S	---
440	PS-CK	90S	70MS	99VS	20S-99VS	40S	65S	80S	---

401-440 C

-132-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	UNITED STATES						SUMMARY	
		GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
401	OK 69R772	000	05S	0TR	000	000	000	10.9	75MS
402	DUBRAVA	10S	02S	60S	000	30S	40S	20.0	60S
403	OK 65R577	000	000	0TR	000	000	05R	2.0	65R
404	OK 65R577	30S	000	0TR	000	05MR	60S	15.5	65S
405	OK 70R743	000	000	0TR	000	000	05R	10.2	60MS
406	OK 70R721	000	10S	0TR	10VR	000	20S	14.1	90MS
407	OK 70R721	000,20S	05S	0TR	10S	60S	40S	27.2	90S,0TR
408	OK 70R7453	000	000	0TR	000	60S	60S	13.5	60S
409	OK 70R746	20S	15S	0TR	000	000	60S	27.0	99VS,0TR
410	OK 70R746	000	000	0TR	000	80S	30MS	13.8	80S
411	PIERRE	80S	000	60S	30S	60S	80S	31.3	80S
412	TX 59D114	30S	10S	20MR	20MS	80S	80S	20.1	80S
413	WA 71 174	40MS	20S	80S	40MR	80S	80S	51.0	90S
414	WA 711749	50MS	15S	80S	70VS	60S	80S	55.0	90S
415	WA 711749	40MS	15S	80S	80VS	80S	60S	57.3	90S,50MS
416	WA 711749	10MS	15S	80S	80VS	60S	60S	44.0	80VS
417	71 17505	30S	20S	80S	70VS	60S	60S	59.4	99S
418	71 17509	30S	20S	80S	60VS	80S	60S	60.5	99VS
419	71 17509	30S	15S	80S	80VS	60S	60S	60.9	99VS
420	PS-CK	60S	10S	80S	80VS	70S	70S	59.4	99VS
421	RREVOR OM	50S	15S	80S	60S	80S	80S	65.0	99S
422	71 17516	40S	15S	70S	70S	60S	60S	57.6	99S
423	71 17517	40S	15MS	70S	80MS	60S	60S	57.6	99S
424	71 17521	50S	20S	70S	80MR	80S	70S	59.0	99VS
425	71 17526	50S	20S	70S	80MR	80S	90S	60.6	99VS
426	71 17532	20S	20S	70S	80MR	40S	60S	46.8	99VS
427	71 17533	30S	15MS	70S	80MR	80S	80S	50.5	99VS
428	71 17543	50S	20S	70S	80R	80S	80S	59.5	99S
429	71 17545	30S	20S	70S	70S	70S	60S	51.0	99VS
430	71 17546	30S	20S	70S	70MS	70S	60S	50.1	99VS
431	71 17547	40S	15S	70S	30R	10MR	40S	34.0	99VS
432	71 17550	20S	15MS	70S	40MR	20MR	10MR	26.8	99VS
433	71 17599	30S	20S	70S	60M	80S	80S	59.6	99VS
434	71 17560	30S	15S	70S	70MR	80S	80S	60.7	99VS
435	71 17566	30S	15S	70S	40M	80S	60S	51.6	99VS
436	71 17596	40S	15MS	70S	30M	60S	60S	43.2	70S
437	71 17597	40S	15S	70S	30M	50S	70S	47.3	99VS
438	71 17602	30MS	20S	70S	30MR	80S	60S	43.3	85S
439	71 17605	40S	20S	70S	20MR	60S	80S	53.1	99VS
440	PS-CK	60S	20S	70S	60VS	80S	70S	62.3	99VS

-133-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
401	OK 69R772	0TMS	70MS	60MS	---	---	30S	05MR	0TR	05S	20.2	70MS
402	DUBRAVA	0TMS	30MS	70MS	20MR	000	80S	01S	0TR	0TS	19.0	80S
403	OK 65R577	70S	60MS	90MS	40MS	20MS	80S	05S	0TR	0TR	35.9	80S
404	OK 65R577	90S	99S	99S	60S	30MS-30S	80S	30VS	0TR	0TS	53.6	99S
405	OK 70R743	05MR,90S	30MR	30MR	30MR-50S	0TR	80S	20VS	0TR	0TS	15.4	80S
406	OK 70R721	30S	90S	40MS	40MR-40MS	05R	80S	05S	05S-10S	0TMR	28.8	90S
407	OK 70R721	60S	99S	40MS	20MS	---	80S	20VS	20S-30S	05S	41.5	99S
408	OK70R7453	80S	99S	70S	35MR	40MS-40S	80S	10VS,05R	0TR	05S	43.3	99S
409	OK 70R746	90S	90S	70MS	25MS	20MR	80S	30VS	10S-20S	0TMS	42.7	90S
410	OK 70R746	80S	60MS	70MS	20MS	10MR-10MS	80S	10VS,05R	0TR	0TMR	32.7	80S
411	PIERRE	05MS	000	000,05R	000	000	10MR	000	0TR	---	1.0	10MR
412	TX 59D114	99S	90S	99S	80S	10MS	80S	25VS	05S-10S	0TMR	54.0	99S
413	WA 71 174	000	000	000	000	---	30S	0TR	0TR	0TR	3.8	30S
414	WA 711749	000	0TR	000	000	000	30S	05R	0TR	0TR	3.5	30S
415	WA 711749	000	000	000	000	000	30S	05R	0TR	0TR	3.4	30S
416	WA 711749	000	000	000	000	000	30S	02R	0TR	0TMR	3.4	30S
417	71 17505	50S	0TR	000	000	000	30S	0TR	0TR	000	8.9	50S
418	71 17509	60S	30M	20MR	000	000	30S	0TM	0TR	000	12.9	60S
419	71 17509	60S	30MR	10MR	000	000	30S	02R	10S-20S	0TR	12.9	60S
420	PS-CK	90S	99S	90S	80S	000	80S	60VS	50S-60S	10S	62.1	99S
421	BREVOR OM	80S	40MS	40MS	000	000	80S	02R	40S-50S	000	29.3	80S
422	71 17516	10S	10R	0TR	000	000	80S	05M	---	000	11.9	80S
423	71 17517	05MS	0TR	05R	05MS	000	80S	05S	20S-30S	000	12.6	80S
424	71 17521	80S	90S	70S	000	000	80S	05R	20S-30S	0TR	37.9	90S
425	71 17526	000	000	000	000	000	20MR	05M	30S-40S	05S	5.1	30S
426	71 17532	0TR	0TR	000	0TR	000	60S	02M	---	0TR	7.7	60S
427	71 17533	000	000	000	---	000	30S	10MR	---	0TR	4.8	30S
428	71 17543	000	000	000	---	000	30S	05R	40S-50S	0TMR	8.9	40S
429	71 17545	10MS	05MR	10R	000	000	60S	05M	10S-20S	0TR	9.4	60S
430	71 17546	0TMS	05MR	05MR	000	000	80S	10S	40S-50S	0TMS	15.0	80S
431	71 17547	000	000	0TR	000	000	20MR	20MR	20S-30S	0TR	4.0	20S
432	71 17550	000	000	0TR	000	000	30MR	20MR	0TR	000	2.2	30MR
433	71 17599	80S	10MR	20M	000	000	70S	10MS	50S-60S	0TR	24.9	80S
434	71 17560	90S	30MS	30MS	000	---	70S	25VS	50S-60S	10S	36.6	90S
435	71 17566	90S	20MR	20MR	---	10MR-10MS	70S	05S	40S-50S	05S	28.7	90S
436	71 17596	05MS	10MR	20M	000	000	70S	02M	40S-50S	0TMS	14.6	70S
437	71 17597	30S	40MS	0TR	05S	000	70S	10S	30S-40S	05S	20.2	70S
438	71 17602	000	0TR	000	---	000	70S	20VS	---	0TMS	13.0	70S
439	71 17605	0TMR	000	000	---	000	70S	10S	20S-30S	000	12.5	70S
440	PS-CK	99S	99S	90S	40S	50S	99S	30VS	40S-50S	10S	61.8	99S

401-440 E

-134-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
401	OK 69R772	20	05	00	10	0T	7.2	20	3
402	DUBRAVA	40	15	40	15	20	26.0	40	3
403	OK 65R577	50	40	40	40	20	38.0	50	2
404	OK 65R577	50	40	30	--	10	32.5	50	2
405	OK 70R743	70	80	60	90	40	68.0	90	2
406	OK 70R721	60	50	60	70	40	56.0	70	1
407	OK 70R721	60	60	50	75	40	57.0	75	-
408	OK70R7453	50	40	50	70	40	50.0	70	1
409	OK 70R746	40	25	50	65	40	44.0	65	2
410	OK 70R746	50	20	50	50	40	42.0	50	3
411	PIERRE	40	20	00	00	00	12.0	40	-
412	TX 59D114	50	60	50	70	40	54.0	70	2
413	WA 71 174	40	15	40	15	0T	22.2	40	-
414	WA 711749	50	20	40	60	10	36.0	60	2
415	WA 711749	40	02	50	30	0T	24.6	50	1
416	WA 711749	40	30	50	15	0T	27.2	50	2
417	71 17505	60	30	60	60	20	46.0	60	-
418	71 17509	50	30	30	70	20	40.0	70	-
419	71 17509	50	10	70	80	20	46.0	80	2
420	PS-CK	50	10	40	60	10	34.0	60	-
421	BREVOR OM	60	40	80	70	40	58.0	80	1
422	71 17516	40	30	50	70	20	42.0	70	3
423	71 17517	50	30	50	80	20	46.0	80	1
424	71 17521	50	30	60	85	40	53.0	85	1
425	71 17526	50	30	70	85	20	51.0	85	-
426	71 17532	50	30	90	80	20	54.0	90	2
427	71 17533	50	40	60	85	40	55.0	85	1
428	71 17543	60	40	60	80	40	56.0	80	2
429	71 17545	40	15	50	70	20	39.0	70	-
430	71 17546	40	05	60	60	20	37.0	60	1
431	71 17547	40	40	60	70	10	44.0	70	2
432	71 17550	40	40	60	80	10	46.0	80	1
433	71 17599	40	20	60	80	20	44.0	80	-
434	71 17560	50	25	60	70	20	45.0	70	1
435	71 17566	40	15	60	65	20	40.0	65	1
436	71 17596	40	20	60	30	10	32.0	60	-
437	71 17597	50	60	60	50	10	46.0	60	-
438	71 17602	50	30	60	60	10	42.0	60	2
439	71 17605	40	50	60	50	10	42.0	60	1
440	PS-CK	40	10	40	50	0T	28.2	50	-

-135-

401- 440 F

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
401	OK 69R772	-	5	5.0	5
402	DUBRAVA	2	5	3.5	5
403	OK 65R577	2	2	2.0	2
404	OK 65R577	3	2	2.5	3
405	OK 70R743	2	1	1.5	2
406	OK 70R721	3	2	2.5	3
407	OK 70R721	2	2	2.0	2
408	OK 70R7453	3	2	2.5	3
409	OK 70R746	2	3	2.5	3
410	OK 70R746	-	6	6.0	6
411	PIERRE	-	2	2.0	2
412	TX 59D114	3	5	4.0	5
413	WA 71 174	2	4	3.0	4
414	WA 711749	1	2	1.5	2
415	WA 711749	-	5	5.0	5
416	WA 711749	-	4	4.0	4
417	71 17505	2	-	2.0	2
418	71 17509	-	4	4.0	4
419	71 17509	-	4	4.0	4
420	PS-CK	2	5	3.5	5
421	BREVOR OM	-	3	3.0	3
422	71 17516	-	1	1.0	1
423	71 17517	-	2	2.0	2
424	71 17521	-	3	3.0	3
425	71 17526	2	6	4.0	6
426	71 17532	2	6	4.0	6
427	71 17533	-	3	3.0	3
428	71 17543	-	6	6.0	6
429	71 17545	2	2	2.0	2
430	71 17546	-	3	3.0	3
431	71 17547	-	1	1.0	1
432	71 17550	1	2	1.5	2
433	71 17599	-	4	4.0	4
434	71 17560	-	5	5.0	5
435	71 17566	-	2	2.0	2
436	71 17596	-	2	2.0	2
437	71 17597	3	2	2.5	3
438	71 17602	-	3	3.0	3
439	71 17605	-	2	2.0	2
440	PS-CK	-	3	3.0	3

-136-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PROBSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
401	OK 69R772	7	0	3.5	7
402	DUBRAVA	7	0	3.5	7
403	OK 65R577	7	2	4.5	7
404	OK 65R577	7	3	5.0	7
405	OK 70R743	7	2	4.5	7
406	OK 70R721	7	2	4.5	7
407	OK 70R721	7	4	5.5	7
408	OK70R7453	7	0	3.5	7
409	OK 70R746	7	3	5.0	7
410	OK 70R746	7	0	3.5	7
411	PIERRE	0	0	0.0	0
412	TX 59D114	7	4	5.5	7
413	WA 71 174	7	3	5.0	7
414	WA 711749	7	4	5.5	7
415	WA 711749	8	4	6.0	8
416	WA 711749	8	4	6.0	8
417	71 17505	7	0	3.5	7
418	71 17509	7	0	3.5	7
419	71 17509	7	0	3.5	7
420	PS-CK	7	0	3.5	7
421	BREVOR OM	7	1	4.0	7
422	71 17516	7	0	3.5	7
423	71 17517	7	0	3.5	7
424	71 17521	8	0	4.0	8
425	71 17526	7	0	3.5	7
426	71 17532	7	0	3.5	7
427	71 17533	7	1	4.0	7
428	71 17543	7	1	4.0	7
429	71 17545	7	0	3.5	7
430	71 17546	7	0	3.5	7
431	71 17547	7	2	4.5	7
432	71 17550	7	2	4.5	7
433	71 17599	7	3	5.0	7
434	71 17560	7	3	5.0	7
435	71 17566	7	2	4.5	7
436	71 17596	7	2	4.5	7
437	71 17597	7	2	4.5	7
438	71 17602	8	2	5.0	8
439	71 17605	8	2	5.0	8
440	PS-CK	7	2	4.5	7

-137-

401-440 H

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
441	71 17612	50S	99S	000	99VS	85MS	25S	---	60S-70S
442	71 17615	50S	99S	000	99VS	80MS	25S	---	70S-80S
443	71 17619	10MR	99S	30S	20MR	70MS	0TMR	25S	10S-20S
444	71 17629	30S	99S	30S	80VS	80MS	10S	---	60S-70S
445	71 17637	40S	99S	30S	80S	80MS	0TR-10M	---	70S-80S
446	71 17643	40S	99S	000	80S	80MS	0TR-10M	25S	70S-80S
447	71 17649	50S	99S	000	80S	80MS	0TR-10M	---	70S-80S
448	71 17650	40S	99S	000	80S	90MS	40S	10MR	60S-70S
449	71 17651	40S	99S	30S	80S	90MS	05S-99S	25S	60S-70S
450	71 17657	40S	99S	000	80S	80MS	65S	40S	60S-70S
451	71 17658	50S	99S	30S	80S	80MS	25S	10S	60S-70S
452	71 17676	40S	99S	000	99VS	70MS	40S	10MR	50S-60S
453	71 17678	50S	99S	30S	99VS	80MS	0TR-20S	25MR	60S-70S
454	71 17680	50S	99S	30S	99VS	60MS	40S	10MR	70S-80S
455	71 17682	50S	99S	000	99VS	70MS	65S	---	70S-80S
456	71 17687	60S	99S	000	99VS	80MS	40S	10MR	60S-70S
457	71 17688	50S	99S	000	99VS	80MS	40MS	25S	60S-70S
458	71 17697	50S	99S	20S	99VS	80MS	0TR-10S	---	40S-50S
459	71 17701	40S	99S	40S	99VS	80MS	40S	---	40S-50S
460	PS-CK	60S	90S	80S	80S	90MS	20MS	65S	60S-70S
461	71 17703	50S	90S	000	99S	70MS	40S	10MR	50S-60S
462	71 17710	50S	99S	000	99VS	80MS	05S-99S	25S	40S-20S
463	71 17713	50S	99S	000	99VS	70MS	40MS	25S	70S-80S
464	71 17718	50S	99S	000	99VS	60MS	0TR	---	40S-50S
465	71 17719	50S	99S	000	99VS	70MS	10MS-99S	10S	40S-50S
466	71 17729	50S	99S	000	99VS	70MS	65S	25S	60S-70S
467	71 17734	50S	99S	30S	99VS	80MS	65S	---	40S-50S
468	71 17736	50S	99S	05S	99VS	70MS	25S	40S	70S-80S
469	71 17740	50S	99S	10S	99VS	80MS	05S-99S	25S	60S-70S
470	71 17744	60S	99S	20S	99VS	70MS	10S-99S	---	70S-80S
471	71 17747	50S	99S	10S	99VS	70MS	25S, 99VS	10MR	40S-50S
472	71 17754	50S	99S	10S	99VS	70MS	40MS	10MR	60S-70S
473	71 17759	40S	99S	30S	99VS	80MS	10MS	---	60S-70S
474	71 17762	50S	99S	30S	99VS	80MS	40S	---	70S-80S
475	4812-65	03R	90S	80S	50MS	60MS	0TR-05MS	10MR	30S-40S
476	3815-65	0TR	30S	000	30MR	70MS	0TR-05MS	25MR	10S-20S
477	6805-65	0TR	10MS	000	30MR	30MS	000	---	0TR
478	NS-32	50S	99S	000	80S	80MS	65MS	---	50S-60S
479	MS-611	40S	70S	000	60MS	20MS	40S	---	40S-50S
480	PS-CK	50S	90S	80S	80S	90MS	20MS	40S	60S-70S

-138-

441-480 A

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

		REP.							SUMMARY	
		S. AFRICA	TURKEY	UPUGUAY	YUGOSLAVIA	UNITED STATES				
ENTRY NO.	STATION CODE						PUERTO RICO	PUERTO RICO	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	MINNESOTA ST. PAUL	MAYAGUEZ	LAJAS		
441	71 17612	85S	60S	02S	99VS	60S	---	50S	58.2	99VS
442	71 17615	75S	60S	0TS	99VS	60S	---	40S	57.0	99VS
443	71 17619	65R	80S	03S	20S	60S	40S	50S	33.2	99S
444	71 17629	50S	99S	02S	90S	60S	30S	40S	53.1	99S
445	71 17637	45S	80S	0TS	99VS	60S	40S	60S	54.8	99VS
446	71 17643	45S	80S	0TS	99VS	60S	50S	80S	52.8	99VS
447	71 17649	45S	80S	0TS	99VS	60S	30S	40S	51.3	99VS
448	71 17650	45S	60S	02S	99VS	60S	30S	50S	49.4	99VS
449	71 17651	10S	60S	10S	99VS	60S	---	50S	50.0	99VS
450	71 17657	20S	60S	02S	99VS	60S	---	40S	52.0	99VS
451	71 17658	40S	80S	03S	99VS	60S	40S	50S	52.6	99VS
452	71 17676	55S	20MS	10S	99VS	60S	90S	60S	51.8	99VS
453	71 17678	40S	40S	02S	99VS	60S	40S	40S	48.8	99VS
454	71 17680	40S	40S	05S	99VS	60S	50S	80S	54.2	99VS
455	71 17682	25S	60S	03S	99VS	60S	40S	50S	55.4	99VS
456	71 17687	55S	60S	05S	99VS	60S	80S	90S	58.3	99VS
457	71 17688	55S	60S	03S	99VS	60S	90S	90S	59.0	99VS
458	71 17697	75S	40S	20S	99VS	60S	50S	40S	54.0	99VS
459	71 17701	85S	20S	10S	99VS	60S	50S	30S	55.4	99VS
460	PS-CK	99S	80S	60S	99VS	60S	70S	80S	71.4	99VS
461	71 17703	85S	10MS	20S	99VS	60S	---	50S	50.7	99VS
462	71 17710	85S	40S	10S	99VS	60S	40S	50S	51.0	99VS
463	71 17713	85S	40S	10S	99VS	60S	70S	60S	57.0	99VS
464	71 17718	65S	60S	0TS	99VS	60S	40S	40S	50.0	99VS
465	7117719	35S	10S	20S	99VS	60S	80S	60S	48.4	99VS
466	71 17729	15S	60S	40S	99VS	60S	70S	60S	57.2	99VS
467	71 17734	65S	60S	40S	99VS	60S	70MS	70S	64.0	99VS
468	71 17736	65S	80S	10S	99VS	60S	50S	60S	57.8	99VS
469	7117740	50MS	10S	10S	99VS	60S	---	40S	47.9	99VS
470	71 17744	35S	80S	05S	99VS	60S	50S	60S	57.3	99VS
471	71 17747	15S	10S,0TR	05S	99VS	60S	---	40S	43.7	99VS
472	71 17754	15MS	20S,0TMR	05S	99VS	60S	50S	80S	49.0	99VS
473	71 17759	15S	60S	02S	99VS	60S	40S	30S	50.4	99VS
474	71 17762	20S	60S	0TS	99S	60S	30S	10S	52.2	99S
475	4812-65	15S	40MS	---	15VR	60S	---	---	33.5	90S
476	3815-65	25MS	40MS	---	15VR	20S	40MS	---	17.3	70MS
477	6805-65	15MS	20S	---	0TVR	40S	50S	---	13.8	50S
478	NS-32	30S	20S	---	99VS	20S	60S	50S	51.8	99VS
479	MS-611	90S	40S	10S	70VS	60S	---	---	43.6	90S
480	PS-CK	85S	80S	10S	99VS	60S	70S	60S	63.4	99VS

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
441	71 17612	40S	40MS	99VS	25S-99VS	40MR	65S	99S	---
442	71 17615	60S	60MR	99VS	25S-99S	40S	45S	40S	---
443	71 17619	30MS-30S	60MR	99VS	25S-99S	65S	15MR	80S	---
444	71 17629	50S	30MS	99VS	25S-99S	40MR	15S	60S	---
445	71 17637	10S	50MS	99VS	40S-99S	40S	30S	80S	---
446	71 17643	20S	30MS	70MS	40S-99S	40S	20S	80S	---
447	71 17649	20S	60MR	99VS	40S-99S	40MR	65MS	80S	---
448	71 17650	80S	60MR	99VS	25S-99VS	40S	50S	60S	---
449	71 17651	99S	60MS	99VS	25S-99VS	65S	10S	80S	---
450	71 17657	80S	40MS	99VS	40S-99VS	65S	15MS	80S	---
451	71 17658	20S	60MS	80MS	40S-99VS	40S	50S	60S	---
452	71 17676	30S	60MS	99VS	40S-99VS	40S	15MS	40S	---
453	71 17678	60S	50MR	99VS	40S-99VS	65S	75S	40S	---
454	71 17680	30S	60MR	99VS	0TR-99VS	40S	25S	60S	---
455	71 17682	15S	40MS	99VS	65S-99VS	40S	20MS	80S	---
456	71 17687	40MS	40MS	80S	65S	40MR	25MS	99S	---
457	71 17688	40S	40MR	90S	65S	40MR	55MS	20MS	---
458	71 17697	40S	20MR	90S	25S-99S	40MR	60MS	40S	---
459	71 17701	60S	60MR	90S	25S-99S	40MR	75S	99S	---
460	PS-CK	30S	60MS	99VS	65S	40S	---	99S	---
461	71 17703	000	40MR	99VS	45S,99S	40MR	65MS	99S	---
462	71 17710	40S	50MS	99VS	65S	65S	85S	80S	---
463	71 17713	30S	70MS	99VS	40MS	40S	75S	99S	---
464	71 17718	20S	30MS	99VS	25S-99S	40MR	55S	60S	---
465	71 17719	60S	70MS	99VS	65S	40S	15S	99S	---
466	71 17729	80S	40MS	99VS	65S	40S	10S	80S	---
467	71 17734	10S	70MR	99VS	40S	25MR	45S	99S	---
468	71 17736	05S	30MS	90MS	0TR	40S	65MS	80S	---
469	71 17740	40S	40MS	90S	65S	65S	45MS	99S	---
470	71 17744	80S	30MS	90S	0TR-45S	40MR	35MS	80S	---
471	71 17747	60S	30MS	99VS	40S-99S	40S	50MS	80S	---
472	71 17754	90S	60MS	99VS	40S	40S	25S	99S	---
473	71 17759	90S	30MR	99VS	65MS	40S	15S	60S	---
474	71 17762	70S	60MR	99VS	65MS	40MR	25S	40S	---
475	4812-65	000	10MR	99VS	05R-10MS	40MR	25S,15MR	---	---
476	3815-65	10MS	70MS	05MR,40M	25MS	10MR	35MS	80S	---
477	6805-65	10MS	30MS	05MR	0TR-10MS	---	20MS	---	---
478	NS-32	0TR	40MS	90MS	40M	25MR	40S	0TMR	---
479	MS-611	000	40MR	05MR,70MS	0TR-25M	---	85S	70S	---
480	PS-CK	05S	70MS	99VS	0TR-40S	40S	85S	99S	---

441-480 c

-141-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
441	71 17612	40S	20S	70S	50M	80S	80S	53.5	99S
442	71 17615	50S	20S	70S	50M	70S	60S	48.6	99VS
443	71 17619	50S	20S	70S	50M	70S	60S	47.9	99VS
444	71 17629	40MS	15S	70S	50M	60S	80S	44.3	99VS
445	71 17637	50S	20S	70S	50M	70S	80S	50.6	99VS
446	71 17643	40S	15S	70S	50MR	50S	60S	41.1	80S
447	71 17649	30S	10MS	70S	40MR	60S	60S	44.2	99VS
448	71 17650	30S	15S	70S	50MR	60S	60S	48.6	99VS
449	71 17651	40S	15S	70S	50MR	80S	60S	54.6	99VS
450	71 17657	50S	15S	70S	50MR	70S	60S	53.3	99VS
451	71 17658	50S	15S	70S	40MS	---	60S	45.7	70S
452	71 17676	50S	15S	70S	50M	70S	80S	48.0	99VS
453	71 17678	50S	15S	70S	50MS	60S	60S	53.3	99VS
454	71 17680	50S	10S	70S	60MS	80S	60S	45.8	99VS
455	71 17682	50S	15S	70S	60MS	80S	80S	53.0	99VS
456	71 17687	50S	15S	70S	50MS	80S	60S	50.6	99S
457	71 17688	40S	20S	70S	60R	70S	70S	43.7	90S
458	71 17697	30S	15S	70S	60R	80S	80S	42.6	90S
459	71 17701	50S	15S	70S	60M	80S	80S	55.3	99S
460	PS-CK	60S	15S	70S	40VS	80S	70S	59.6	99S
461	71 17703	60S	20S	70S	60VS	90S	90S	55.1	99S
462	71 17710	60S	20S	70S	60VS	80S	90S	65.6	99VS
463	71 17713	60S	20S	70S	60VS	80S	80S	61.6	99S
464	71 17718	60S	15S	70S	60M	80S	60S	47.6	99VS
465	71 17719	40S	25S	70S	60MS	70S	60S	57.4	99S
466	71 17729	50S	20S	80S	50S	70S	70S	57.3	99VS
467	71 17734	40MS	20S	70S	30S	80S	70S	48.6	99S
468	71 17736	40S	15S	80S	40S	70S	70S	45.2	80S
469	71 17740	40S	15S	80S	60MS	80S	70S	58.4	99S
470	71 17744	50S	20S	80S	60MS	60S	80S	50.4	90S
471	71 17747	60S	20S	70S	60MS	80S	60S	55.4	99VS
472	71 17754	60S	25S	70S	60M	60S	80S	59.3	99S
473	71 17759	30MS	20S	70S	70S	70S	60S	52.4	99VS
474	71 17762	50S	15S	70S	60M	70S	60S	48.2	99VS
475	4812-65	20S	15MS	40S	50R	40MS	---	23.5	99VS
476	3815-65	15MS	02R	40MS	50VR	50MS	20MR	23.1	80S
477	6805-65	30S	02R	40MS	000	20MS	30MS	13.8	40MS
478	NS-32	50S	15MS	60S	10S	80R	20S	26.6	90MS
479	MS-611	20S	02R	40MS	20R	10MR	60S	24.4	85S
480	PS-CK	60S	15S	70S	50VS	70S	70S	55.3	99S

-141-

441-480 D

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
441	71 17612	05MS	40MS	30M	30MS	05R	99S	10S	30S-40S	0TMS	24.3	99S
442	71 17615	000	30MS	10MR	05S	05R	99S	0TR	30S-40S	0TS	18.2	99S
443	71 17619	000	10MR	20MR	000	0TR	60S	0TR	0TR	05S	8.6	60S
444	71 17629	000	50MS	05R	30MS	000	60S	20MR	10S-20S	10S	17.0	60S
445	71 17637	20S	30MS	0TR	80S	0TR	30S	15S	---	05MS	21.6	80S
446	71 17643	000	0TR	000	20MS	000	30S	05R	30S-40S	0TMR	8.6	30S
447	71 17649	50S	30MS	20MS	000	000	60S	05MS	40S-50S	0TMS	21.6	60S
448	71 17650	60S	40MS	30MS	30S	000	60S	10S	50S-60S	0TMS	29.6	60S
449	71 17651	90S	60MS	40MS	000	000	60S	20VS	---	0TR	31.2	90S
450	71 17657	000	10MR	0TR	000	000	30S	02R	20S-30S	05MS	6.5	30S
451	71 17658	000	30MS	10MR	40S	000	30S	15MR	---	0TR	13.0	40S
452	71 17676	0TMS	05MR	0TR	000	000	99S	10MS	10S-20S	0TMR	13.3	99S
453	71 17678	05S	10MS	000	30MS	000	60S	02MR	---	05MR	12.4	60S
454	71 17680	000	05MR	000	---	000	60S	02R	---	000	8.9	60S
455	71 17682	000	20MS	05R	20MS	000	60S	02M	0TR	05MS	10.9	60S
456	71 17687	05S	20MR	0TR	05MS	000	99S	05M	20S-30S	10MS	16.3	99S
457	71 17688	000	0TR	000	000	000	99S	01MR	0TR	0TR	11.1	99S
458	71 17697	0TR	10MR	10MR	000	000	80S	02M	0TR	0TR	9.9	80S
459	71 17701	0TMS	0TR	000	000	000	80S	15S	0TR	05MS	11.1	80S
460	PS-CK	90S	99S	99S	80S	70S	99S	30VS	40S-50S	30S	70.7	99S
461	71 17703	20S	10MR	10R	60S	000	40S	30MS	10S-20S	0TMR	17.8	60S
462	71 17710	0TMR	10MR	0TR	000	000	40S	02R	30S-40S	0TMS	8.4	40S
463	71 17713	000	10MR	000	30S	10MR	40S	02R	0TR	0TMR	8.7	40S
464	71 17718	05S	30MR	10R	000	000	40S	05S	0TR	0TMR	7.1	40S
465	7117719	05MR	0TR	000	000	000	30MS	0TR	0TR	000	2.9	30MS
466	71 17729	05MS	0TR	20MS	40MS	000	30MS	0TM	0TR	0TMR	8.6	40MS
467	71 17734	60S	40MS	40MS	80S	000	99S	20MS	10S-20S	0TMR	36.6	99S
468	71 17736	0TMS	30MS	20MS	60S	30MS	50S	05S	40S-50S	0TMS	24.5	60S
469	7117740	05S	05MR	0TR	20MS	0TR	99S	02MS	10S-20S	0TMR	14.9	99S
470	71 17744	90S	05R	10R	000	0TR	99S	10S	---	0TR	25.3	99S
471	71 17747	000	000	0TR	000	000	30S	20VS	0TR	0TR	5.6	30S
472	71 17754	000	000	000	000	000	10MR	10S	0TR	0TR	1.6	10S
473	71 17759	000	000	000	000	000	30S	01MR	0TR	0TMR	3.4	30S
474	71 17762	000	000	000	000	000	30S	05S	0TR	0TMR	3.9	30S
475	4812-65	05S	20M	60MS	0TR	000	30S	01M	20S-30S	000	12.8	60MS
476	3815-65	05S	20MR	40MS	000	0TR	30S	02M	10S-20S	000	9.6	40MS
477	6805-65	60S	20MR	20MS	40MS	000	30S	02S	30S-40S	0TS	19.8	60S
478	NS-32	000	000	000	0TR	0TR	30S	0TR	0TR	000	3.4	30S
479	MS-611	05S	40MS	40MS	000	0TR	30S	05M	30S-40S	000	14.6	40MS
480	PS-CK	99S	99S	90S	80S	50S	30S	30VS	50S-60S	40S	63.1	99S

441-480 E

142-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
441	71 17612	50	30	60	70	10	44.0	70	2
442	71 17615	40	30	60	70	10	42.0	70	-
443	71 17619	40	25	40	60	10	35.0	60	-
444	71 17629	40	10	60	60	10	36.0	60	1
445	71 17637	50	25	70	70	20	47.0	70	-
446	71 17643	60	30	50	40	20	40.0	60	1
447	71 17649	50	25	40	50	20	37.0	50	1
448	71 17650	50	10	70	40	20	38.0	70	1
449	71 17651	60	25	60	40	20	41.0	60	-
450	71 17657	50	20	70	40	10	38.0	70	2
451	71 17658	40	25	60	60	10	39.0	60	3
452	71 17676	50	25	50	75	10	42.0	75	-
453	71 17678	50	15	60	80	10	43.0	80	-
454	71 17680	40	10	60	60	0T	34.2	60	1
455	71 17682	50	20	60	70	10	42.0	70	-
456	71 17687	50	10	50	70	0T	36.2	70	-
457	71 17688	40	30	50	80	0T	40.2	80	2
458	71 17697	50	10	50	60	0T	34.2	60	-
459	71 17701	50	20	60	60	0T	38.2	60	-
460	PS-CK	40	10	50	45	0T	29.2	50	1
461	71 17703	60	50	60	70	20	52.0	70	1
462	71 17710	50	10	50	60	0T	34.2	60	-
463	71 17713	50	10	50	70	0T	36.2	70	1
464	71 17718	50	15	40	50	0T	31.2	50	1
465	7117719	40	20	30	50	0T	28.2	50	-
466	71 17729	50	10	50	40	0T	30.2	50	-
467	71 17734	50	30	50	60	0T	38.2	60	1
468	71 17736	60	15	60	75	0T	42.2	75	2
469	7117740	50	15	50	80	10	41.0	80	-
470	71 17744	50	40	50	70	10	44.0	70	-
471	71 17747	60	40	60	70	10	48.0	70	1
472	71 17754	60	60	50	70	10	50.0	70	-
473	71 17759	50	15	30	25	0T	24.2	50	2
474	71 17762	50	25	50	35	40	40.0	50	-
475	4812-65	50	60	60	60	40	54.0	60	-
476	3815-65	40	10	40	50	20	32.0	50	3
477	6805-65	50	20	60	40	10	36.0	60	2
478	NS-32	40	20	30	10	10	22.0	40	1
479	MS-611	40	TR	00	0T	0T	8.6	40	3
480	PS-CK	40	05	40	30	0T	23.2	40	-

441-480 F

-143-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
441	71 17612	-	4	4.0	4
442	71 17615	-	6	6.0	6
443	71 17619	2	4	3.0	4
444	71 17629	-	3	3.0	3
445	71 17637	-	4	4.0	4
446	71 17643	-	4	4.0	4
447	71 17649	1	8	4.5	8
448	71 17650	-	5	5.0	5
449	71 17651	2	4	3.0	4
450	71 17657	1	5	3.0	5
451	71 17658	-	5	5.0	5
452	71 17676	-	7	7.0	7
453	71 17678	2	8	5.0	8
454	71 17680	-	6	6.0	6
455	71 17682	1	6	3.5	6
456	71 17687	-	4	4.0	4
457	71 17688	-	6	6.0	6
458	71 17697	2	6	4.0	6
459	71 17701	-	4	4.0	4
460	PS-CK	-	5	5.0	5
461	71 17703	-	6	6.0	6
462	71 17710	-	5	5.0	5
463	71 17713	1	6	3.5	6
464	71 17718	-	4	4.0	4
465	71 17719	-	6	6.0	6
466	71 17729	2	6	4.0	6
467	71 17734	-	8	8.0	8
468	71 17736	2	6	4.0	6
469	71 17740	2	6	4.0	6
470	71 17744	-	4	4.0	4
471	71 17747	-	5	5.0	5
472	71 17754	2	3	2.5	3
473	71 17759	-	6	6.0	6
474	71 17762	2	3	2.5	3
475	4812-65	3	8	5.5	8
476	3815-65	-	8	8.0	8
477	6805-65	3	9	6.0	9
478	NS-32	-	5	5.0	5
479	MS-611	3	7	5.0	7
480	PS-CK	-	4	4.0	4

441

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA	KOREA	SUMMARY	
		PROBSTDORF	SUWON	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
441	71 17612	8	2	5.0	8
442	71 17615	7	2	4.5	7
443	71 17619	7	2	4.5	7
444	71 17629	7	2	4.5	7
445	71 17637	7	2	4.5	7
446	71 17643	7	0	3.5	7
447	71 17649	7	0	3.5	7
448	71 17650	7	0	3.5	7
449	71 17651	7	0	3.5	7
450	71 17657	7	0	3.5	7
451	71 17658	7	3	5.0	7
452	71 17676	7	3	5.0	7
453	71 17678	7	3	5.0	7
454	71 17680	7	3	5.0	7
455	71 17682	7	3	5.0	7
456	71 17687	7	0	3.5	7
457	71 17688	7	2	4.5	7
458	71 17697	7	0	3.5	7
459	71 17701	7	0	3.5	7
460	PS-CK	7	0	3.5	7
461	71 17703	5	0	2.5	5
462	71 17710	3	0	1.5	3
463	71 17713	5	6	5.5	6
464	71 17718	7	0	3.5	7
465	71 17719	7	0	3.5	7
466	71 17729	7	0	3.5	7
467	71 17734	7	0	3.5	7
468	71 17736	7	0	3.5	7
469	71 17740	7	0	3.5	7
470	71 17744	7	0	3.5	7
471	71 17747	7	0	3.5	7
472	71 17754	5	0	2.5	5
473	71 17759	7	0	3.5	7
474	71 17762	7	0	3.5	7
475	4812-65	7	0	3.5	7
476	3815-65	7	0	3.5	7
477	6805-65	7	4	5.5	7
478	NS-32	7	0	3.5	7
479	MS-611	7	0	3.5	7
480	PS-CK	5	0	2.5	5

-145-

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	AUSTRIA	CHILE	COLOMBIA	FRANCE	GREECE	KOREA	PARAGUAY	PORTUGAL
		PROBSTDORF	SANTIAGO	SURBATA	VERSAILLES	THESSALONIKI	SUWON	ENCARNACION	ELVAS
481	BACKA	---	99S	000	80S	80MS	10MS	25S	60S-70S
482	DUNAV	---	99S	20S	99VS	80MS	25S	10MR	70S-50S
483	PANONIJA	---	99S	000	80S	90MS	0TR-65S	---	60S-70S
484	OTTERBAKE	---	0TS	40S	10S	60MS	0TR-25MS	25MR	60S-70S
485	IJZERVARK	---	70S	10S	10S	90MS	40MS	10R	50S-60S
486	283822	---	50S	60S	10MR	80MS	40S	---	40S-50S
487	11908	---	90S	000	80S	90MS	40MS	25S	60S-70S
488	94335	---	99S	80S	80S	90MS	65MS	40S	50S-60S
489	OMAR 448-	---	99S	50S	80S	---	10S-99S	---	80S-90S
490	PS-CK	---	90S	80S	80S	85MS	25S-99S	65S	50S-60S
COEF		21.5	54.3	8.7	50.9	38.0	9.5	15.3	19.0

-146-

481-490 A

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STEM RUST

ENTRY NO.	STATION CODE	REP.	TURKEY	URUGUAY	YUGOSLAVIA	UNITED STATES			SUMMARY	
		S. AFRICA				MINNESOTA	PUERTO RICO	PUERTO RICO	AVERAGE	HIGHEST
		BETHLEHEM	ANKARA	LA ESTANZUELA	KRAGUJEVIC	ST. PAUL	MAYAGUEZ	LAJAS	COEFFICIENT OF INFECTION	READING
481	BACKA	65S	40S,10MR	03S	99VS	60S	30S	---	48.6	99VS
482	DUNAV	75S	40MS	02S	99VS	60S	30MR	---	50.8	99VS
483	PANONIJA	80MS	40S	0TS	99VS	60S	70S	50S	53.4	99VS
484	OTTERBAKE	000	---	05S	70MR	000	---	000	16.8	60SS
485	IJZERVARK	50S	60S	0TS	99VS	40S	40S	30S	40.4	99VS
486	283822	20S	60S	05S	99VS	05MS-05S	30R	40MR	36.0	99VS
487	11908	30S	80S	10S	99VS	40S	20MR	05MR	44.8	99VS
488	94335	25S	60S	0TS	99VS	40S	80S	60S	59.8	99VS
489	OMAR 448-	35S	80S	10S	99VS	60S	50S	---	59.3	99VS
490	PS-CK	25S	80S	02S	99VS	60S	70S	80S	62.4	99VS
COEF		29.5	51.1	9.9	61.3	23.1	34.9	25.0		

-147-

481-490 B

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

ENTRY NO.	STATION CODE	COLOMBIA	GREECE	JAPAN	KOREA	PARAGUAY	REP. S. AFRICA	URUGUAY	UNITED STATES
		TIBAITATA	THESSALONIKI	MORIOKA	SUWON	ENCARNACION	BETHLEHEM	LA ESTANZUELA	FLORIDA GAINESVILLE
481	RACKA	000	70MR	99VS	10MS-65S	40MR	25S	20S	---
482	DUNAV	000	70MS	99VS	40S	40MR	85MS	20S	---
483	PANONIJA	000	60MS	99VS	40MS	25MR	85S	60S	---
484	OTTERBAKE	000	60MS	01S	0TR,10S	40MR	65R	60S	---
485	IJZERVARK	20S	50MS	99VS	65S	65S	55S	80S	---
486	283822	70S	60MS	99VS	25MS-99S	40S	25S	40S	---
487	11908	0TR	60MS	90S	25MS-65S	65S	25S	80S	---
488	94335	25S	80MS	99VS	10MS,65S	40S	35MS	99S	---
489	OMAR 448-	30S	60MS	99VS	40S	40S	15MS	80S	---
490	PS-CK	40S	60MS	99VS	10MS	40S	20S	99S	---
COEF		13.3	17.9	50.6	18.8	34.8	23.3	43.6	16.9

-148-

481-490 C

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO LEAF RUST

UNITED STATES								SUMMARY	
ENTRY NO.	STATION CODE	GEORGIA	INDIANA	KANSAS	SOUTH CAROLINA	TEXAS	COLLEGE STATION	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
		TIFTON	LAFAYETTE	MANHATTAN	CLEMSON	BEEVILLE			
481	RACKA	60S	10MS	40S	20S	30MS	20MS	28.0	99VS
482	DUNAV	60S	15S	60S	30S	20MS	20M	37.8	99VS
483	PANONIJA	30S	10MS	60S	---	40S	---	42.9	99VS
484	OTTERBAKE	80S	000	60S	0TR	80S	80S	33.7	80S
485	IJZERVARK	70S	15MS	80S	50VS	80S	80S	61.2	99VS
486	283822	80S	20S	70S	80VS	50S	90S	56.3	99VS
487	11908	40MS	10MR	80S	70R	50S	80S	45.2	90S
488	94335	30MS	10MS	70S	60S	70S	80S	51.9	99S
489	OMAR 448-	30S	15S	90S	60MR	70S	70S	49.8	99VS
490	PS-CK	60S	15S	80S	40VS	80S	90S	55.3	99S
COEF		30.5	8.6	38.2	11.9	39.5	48.2		

-671-

481-490D

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO STRIPE RUST

ENTRY NO.	STATION CODE	CHILE		COLOMBIA			FRANCE	NETHERLANDS	PORTUGAL	TURKEY	SUMMARY	
		SANTIAGO	TEMUCO	CHILLAN	TIBAITATA	SURBATA	VERSAILLES	WAGENINGEN	ELVAS	ANKARA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
481	RACKA	30S	60MS	30MS	000	05R	50S	0TM	50S-60S	000	22.6	50S
482	DUNAV	000	10MR	05MR	000	000	50S	05S	50S-60S	0TR	12.3	50S
483	PANONIJA	000	000	000	000	000	30S	0TM	30S-40S	000	6.7	30S
484	OTTERBAKE	0TMR	000	0TVR	000	000	30S	000	---	---	4.3	30S
485	IJZERVARK	80S	90S	99S	90S	99S	60S	25VS	60S-70S	05S	67.5	99S
486	283822	50S	0TR	30MS	000	000	99S	05MR	60S-70S	20S	28.3	99S
487	11908	60S	30MS	20MR	70S	50S	99S	20VS	40S-50S	05S	41.7	99S
488	94335	000,20S	000	20MS	000	000	80S	02R	50S-60S	000	16.2	80S
489	OMAR 448-	80S	60MS	40MS	60S	40S	80S	25VS	50S-60S	30S	49.4	80S
490	PS-CK	99S	99S	90S	80S	50S	80S	40VS	50S-60S	60S	72.0	99S
COEF		34.2	35.4	35.9	32.6	11.7	72.2	13.0	14.2	7.1		

481-490 E

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO POWDERY MILDEW

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO HELMINTHOSPORIUM LEAF SPOT

ENTRY NO.	STATION CODE	AUSTRIA	NETHERLANDS	PORTUGAL	YUGOSLAVIA	UNITED STATES	SUMMARY		PARAGUAY
		PROBSTDORF	WAGENINGEN	ELVAS	KRAGUJEVIC	MINNESOTA ST. PAUL	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING	ENCARNACION
481	BACKA	--	10	50	30	0T	22.7	50	2
482	DUNAV	--	50	50	35	20	38.7	50	1
483	PANONIJA	--	10	40	30	10	22.5	40	4
484	OTTERBAKE	--	00	00	00	00	0.0	00	1
485	IJZERVARK	--	20	50	80	60	52.5	80	2
486	283822	--	20	60	60	40	45.0	60	3
487	11908	--	30	50	70	60	52.5	70	-
488	94335	--	10	50	30	20	27.5	50	1
489	OMAR 448-	--	20	60	60	20	40.0	60	2
490	PS-CK	--	05	40	30	0T	19.0	40	1
COEF		44.6	23.7	39.3	45.1	16.3			1.6

-151-

481-490 F

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA TRITICI

ENTRY NO.	STATION CODE	PARAGUAY	URUGUAY	SUMMARY	
		ENCARNACION	LA ESTANZUELA	AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
481	BACKA	-	7	7.0	7
482	DUNAV	1	8	4.5	8
483	PANONIJA	-	6	6.0	6
484	OTTERBAKE	-	3	3.0	3
485	IJZERVARK	2	6	4.0	6
486	283822	-	7	7.0	7
487	11908	2	6	4.0	6
488	94335	-	7	7.0	7
489	OMAR 448-	-	3	3.0	3
490	PS-CK	2	4	3.0	4
COEF		1.9	3.7		

-152-

481-490 G

INTERNATIONAL WINTER WHEAT NURSERY, 1972
REACTION TO SEPTORIA NODORUM

ENTRY NO.	STATION CODE	AUSTRIA		KOREA		SUMMARY	
		PROBSTDORF		SUWON		AVERAGE COEFFICIENT OF INFECTION	HIGHEST READING
481	BACKA	3		1	3.0	3	
482	DUNAV	-		0		0.0	0
483	PANONIJA	-		0		0.0	0
484	OTTERBAKE	-		0		0.0	0
485	IJZERVARK	-		0		0.0	0
486	283822	-		0		0.0	0
487	11908	-		0		0.0	0
488	94335	-		0		0.0	0
489	OMAR 448-	-		0		0.0	0
490	PS-CK	-		0		0.0	0
COEF		5.8			1.6		

-153-

481-490 H